

Bird Expedition

Lake Junin, Jan 27, 1931

[1]

- * 1788[✓] *Colymbus taczanowski* ♂ 355
1 scarlet, dark leaden basally, bluish lower apically
feet pale greenish, toe lobes yellowish.
- * 1789[✓] *Colymbus calipareus juninensis* (?) ♂ 310
2 scarlet; blackish brown, outer yellowish, pink below.
Brownish neck, sooty fulvous, white on sides of
head, brownish silvery below; feet leaden drab
lobes bluish flesh.
- 1790[✓] " " " ♀ 290
3 iris brown
- * 1791[✓] *Querquedula puna* ♂ 465
4 brown / bright leaden blue, ridge black / feet leaden
(+5 missing) / black.
- 1792[✓] " " ♂ 465
6
- * 1793[✓] *Lissonia rufa oreas* ♂ 143
brown / black / black
- 1794[✓] " " imm ♀ 137
- 1795[✓] " " imm ♂ 136
- 1796[✓] " " ♂ 143
- * 1797[✓] *Pisobia bairdi* ♀ 179
brown / black / black
- * 1798[✓] *Gallinago andina* ♂ 237
brown / black apically, pale brown basally / dull
yellowish olive
- 1799[✓] " " breeding ♂ 244
- 1800[✓] " " imm ♀ 215

- * 1801 ✓ *Aethenes modesta rostrata* ♂ 165
brown \ black, pal. horn below barely \ black
- * 1802 ✓ *Geositta cucullaria juninensis* ^{imm} ♀ 167
brown \ black, pal. horn below barely \ black
(Buff upper tail coverts)
- 1803 ✓ " " ♀ 169
- False Junco, Jan 28, 1931
- * 1804 ✓ *Sicalis uropyg. atis* ♂ 145
brown \ blackish above, leaden blue below \ dark
pink, toes darker.
- * 1805 ✓ *Ptiloscelys resplendens* (Carson) ♀ 317
red \ black apically, pink basally \ pink blood
- * 1806 ✓ *Nycticorax tyazo-guira* ♀ 605
7 carmine \ black, olive green below \ olive yellow
- * 1807 ✓ *Plegadis ridgwayi* ♀ 500
9 dull red \ pale brown apically, reddish horn
basally \ red around base of bill \ feet black
- * 1808 ✓ *harrus serranus* ♀ 425
10 brown \ dark red \ dull carmine
- 1809 ✓ " " ♂ 462
11
- * 1810 ✓ *Colaptes puma* ♂ 350
brown \ black \ dirty olive
- * 1811 ✓ *Agriornis montana insolens* ♀ 253
brown \ black \ black
- 1812 ✓ *Querquedula puma* ^{breeding} ♂ 450
12 brown \ bright leaden blue, ridge black \ dull
leadend blue, neck blackish
- 1813 ✓ " " ^{breeding} ♂ 480
13

Lake Juniper, Jan 29, 1931

- 1814[✓] *Querquedula puna* setting ♀ 424
14
- 1815[✓] " " eggs. ♀ 445
15
- 1816[✓] " " not breeding ♀ 444
16
- * 1817[✓] *Colymbus americanus* ♂ 315
17 vermilion \ black, dusky flesh below basally \ dusky leaden
- 1818[✓] " " ♂ 303
18
- 1819[✓] " " chick - ♀ 193
brown \ flesh, black tip & median band \ leaden
- 1820[✓] *Colymbus taczanowski* ♂ 330
19 scarlet \ leaden blue, ridge blackish \ pale leaden, under
yellowish blue.
- 1821[✓] " " ♀ 354
20
- 1822[✓] " " ♂ 355
21
- 1823[✓] " " chick - ♀ 140
brown \ flesh, black subapical band & base of ridge \ pale leaden
- * 1824[✓] *Fulica ardesiaca* (?) ♀ 422
22 brown \ pale yellowish blue, ridge dusky, shield red \ greenish
leaden
- ** 1825[✓] *Phalacrocorax brasiliensis* (?) ♂ 750
23 green \ bill & pouch dull yellow, ridge blackish \ black.
Lake Patocancha
- * 1826[✓] *Troglodytes musculus puna* ♂ 131
brown \ black, flesh below basally \ brown flesh
- * 1827[✓] *Pyrgilus unicolor* ♂ 153
brown \ blackish \ brownish black. breeding

* 1828[✓] Nettion oxypteryum ♀ 375
 24 brown ridges edge of tip black, sides + crown yellow / throat black

1829[✓] Colymbus americanus juv ♂ 295
 25 pink / throat black, ridge black / yellowish olive inside, dark olive outside

** 1830[✓] Chloephaga melanoptera ("Zoni") ♀ 666
 26 dark brown / pink flesh, tip black / bright salmon.

Lake Jinnin, Jan 30, 1931
 Out on lake with motor boat in canals
 between reeds.

1831[✓] Fulica ardesiaca juv ♀ 300
 27 blue-gray / blackish horn, yellow flesh below /
 dull leaden drab

1832[✓] " " juv ♂ 345
 28 gray / blackish horn, tip pale / greenish drab.

1833[✓] " " imm ♀ 390
 29 brown / dusky horn, tip greenish; shield red / dark greenish
 drab.

1834[✓] " " T.E. ♂ 425
 30 red / white, streak of yellow on sides of culmen, with
 tip pale olive green; shield dark reddish maroon.
 feet greenish yellow, joints dusky; lobes pale horn blue

1835[✓] " " (recently laid egg) ♀ 460
 31

same as 1834, except lateral streak on culmen
 orange yellow; + spot of crimson on blade next to
 feather.

* 1836[✓] Eristomura ferruginea ♂ 425
 32 dark blue / bright caerulean blue, nail black,
 below flesh / dusky, nails black.

1837[✓] " " ♂ 412
 33 — / —, ridge + pointed border blackish,
 below flesh / —

1838[✓] " " juv (breeding) ♀ 395
 34 brown / dull black, pale brown below / —

1839[✓] *Erismatura ferruginea* im. ♀ 385
 35 Iris & bill same as 1838 \ feet rusty, mind pale.

1840[✓] " " im. ♀ 375
 36 — \ — \ —

(Kechua name for *Erismatura* = "Taclón")

1841[✓] *Erismatura* chick ♀ 235
 bill black, flesh below blackish, line pale

1842[✓] " " chick ♀ 230

1843[✓] *Nettion oxypterum* T.M.E. ♂ 445
 37 brown \ indian yellow, ridge & nail black \ drab.

1844[✓] " " ♀ 398
 38

1845[✓] " " ♀ 407
 39

1846[✓] " " ♂ 423
 40

1847[✓] " " chick ♀ 155
 bill & feet black

1848[✓] " " ♂ 160

1849[✓] *Querquedula puna* (eclipse) ♂ 475
 41 brown \ blue, ridge black \ under drab, joints dusky

*
 * 1850[✓] *Dafila spinicauda* T.E. ♂ 550
 42 brown \ sides of bill & mand. yellow, ridge & feet black, apical portion above bill black \ dark drab

Feb. 1, 1931.

X

Lake Patocauca & Kaitucanua (141 over pt)
Sent canoe up to lakes yesterday, 1½ hours
hard work. All birds taken on lakes.

- 1851[✓] *Larus serrana* ♀ 430
43 brown \ dark crimson \ dark crimson
- 1852[✓] " " ♂ 450
44
- 1853[✓] " " ♀ 280
In down, with quills half out.
- 1854[✓] " " chick ♂ 205
- 1855[✓] " " chick ♀ 190
- 1856[✓] " " chick, only few days old, ♂ 170
taken near nest.
- 1857[✓] *Erismatura ferruginea* ♀ 438
46 brown \ black, sooty below \ drab, blackish outside
+ pale inside, under black.
- 1858[✓] " " ♀ 400
47
- 1859[✓] " " T.S.E. ♂ 400
48 brown \ bright blue, nail dusky, flesh below, dusky
medially
- 1860[✓] " " T.M.E. ♂ 424
49
- 1861[✓] " " T.M.E. ♂ 430
50
- 1862[✓] " " T.M.E. ♂ 428
51
- * 1863[✓] *Pato Real* T.E. ♂ 652
52 pink clay col. \ dark blue, pale at base, below
pale orange, edges black \ yellowish drab, joints dusky
- 1864[✓] " " ♂ 640
53

(21-3)

X

[4]

1865[✓] *Chloephaga melanoptera* ♂ 788
54 brown \ pale purplish, tip black \ salmon red

1866[✓] " " ♂ 768
55

1867[✓] " " ♀ 710
56

1868[✓] " " ♀ 662
57

1869[✓] " " ♂ 786
58

1870[✓] " " downy juv. ♀ 485
59 brown \ black, pink below, tip black \ dusky, pinkish

1871[✓] " " downy juv. ♀ 450
60

1872[✓] " " downy juv. ♂ 530
61 quills one inch long

* 1873[✓] *Muscisaxicola alpina grisea* ♂ 203
brown \ black \ black.

* 1874[✓] *Oreotrochilus melanogaster* ♂ 131
black \ black.

(23-3)

Lake Junin, Feb 3, 1931

1875 ✓ *Phalacrocorax brasilianus* ♂ 738
 4 blue-green \ blackish, flesh below \ black

1876 ✓ *Dafila spinicauda* T.M.E. ♂ 530
 8 brown \ ridge, nail & front edge black, sides bright yellow, apical portion pale blue; yellow below, tip & sides black, subapical portion pale blue feet dull drab, claws blackish

** 1877 ✓ *Falco fusco-caerulescens* ♂ 387
 brown \ cere & basal portion yellow, tip black, subapical portion bluish \ feet pale yellow

* 1878 ✓ *amaya* (dove) ♀ 191
 dark brown \ black \ flesh.

1879 ✓ " " ♂ 185

Falco No 1877:

Palium, post ocular & malar streak, entire upper parts & wings above dark slate blue, upper tail coverts slightly barred whitish; middle rectrices slaty black with 7 gray bars; rest of tail black with white cross bars; broad post ocular stripe & malar color cinnamon; throat white below, cinnamon ochraceous with sides of breast, (nearly joining in middle) slaty black, barred with whitish; lesser & median under wing coverts ochraceous, greater coverts & under half of wing quills only gray, barred with white

(25-4)

91 skins
 25 species
 4 new to Coll

X

Aguimarca, Feb. 8, 1931

- * 1880 ✓ *Spizitornis parulus aguatorialis* ♀ 112
pale gray \ black \ black
- * 1881 ✓ *Metallura smaragdineicollis* ♂ 102
black \ black
- 1882 ✓ " " ♂ 98
- 1883 ✓ " " ♂ 105
- * 1884 ✓ *Leucippus leucogaster* ♂ 120
black, fluff below \ black
- * 1885 ✓ *Colibri iolatus* ♂ 152
black \ black
- * 1886 ✓ *Ochthoeca rutipectoralis centralis* ♂ 147
brown \ black \ black
- * 1887 ✓ *Elania pallatangae* laying ♀ 153
brown \ black, fluff below \ black.
- * 1888 ✓ *Hermispingus leucogaster* ♂ 149
hazel \ black, leaden below \ leaden horn
- * 1889 ✓ *Diglossa brunneiventris* T.E. ♂ 147
brown \ black, leaden blue below basally \ black.
- * 1890 ✓ *Poecilothraupis lachrymosa* ♀ 188
brown \ black \ blackish
- 1891 ✓ " " ♀ 183
- * 1892 ✓ *Pogonospiza mysticalis* T.M.E. ♂ 194
brown \ black \ brownish black.
- * 1893 ✓ *Saltator aurantirostris albociliaris* ♂ 228
brown \ salmon red \ dark horn
- 1894 ✓ " " ♂ 230

X

1895[✓] *Saltator aurantirostris albociliaris* ♀ 226

1896[✓] " " " ♂ 220

*1897[✓] *Heliochera rubrocristata* ♂ 227
pink-red flesh basally, black apically, black

~~1898 *Agriornis montana insolens* 275~~
~~brown, black, flesh below basally, blackish~~

*1899[✓] *Turdus gigas gigantoides* ♀ 333
brown, salmon red, eyelid yellow, orange

1900[✓] " " " ♂ 334

Aguiamarea, Feb 9, 1931

I went up valley to head at puma, then
around ridge to right & down ridge to road
everything killed between 9:50 a.m. & 12 noon p.m.
Got back at 2 P. M.

*1901[✓] *Asthenes wyatti graminicola* ♀ 173
brown, black, leaden below, pale leaden blue

*1902[✓] *Meococcyzus stict. toeniopterus* ♀ 127
brown, black, leaden olive

*1903[✓] *Helianthoa osculans* ♂ 160
black, blackish

*1904[✓] *Myioborus melanocephalus* ♀ 151
brown, black, blackish

1905[✓] " " " ♀ 152

*1906[✓] *Synallaxis azurea* ♀ 185
hazel, black, leaden blue below, olive

X

[6]

* 1907 ✓ *Margarornis perlata* ♂ 170
brown \ black, flesh below \ brown horn

1908 ✓ " " ♂ 180

* 1909 ✓ *Cinnycerthia* ♀ 155
hazel \ black, bluish flesh below especially \ brownish black

* 1910 ✓ *Anthus bogotensis* (Titlark) ♀ 163
brown \ black, flesh below, top black \ flesh.

* 1911 ✓ *Upucerthia* ♂ 187
brown \ black, flesh below basally \ blackish. *curved bill Furnariidae*

* 1912 ✓ *Sporothraupis pyraea* ♂ 205
brown \ black, leaden below especially at base \ pale horn

** 1913 ✓ *Green Parakeet* (?) ♀ 193
brown \ dusky olive yellow, cere same \ yellow flesh

1914 ✓ *Colaptes puma* (?) ♀ 337
yellow \ black \ dull olive horn

1915 ✓ *Heliochra rubricristata* ♀ 223
pale yellow \ bluish white basally, black apically \ black

** 1916 ✓ *Accipiter bicolor* (?) ♀ 340
yellow \ black, horn blue at base & on sides, cere olive yellow
feet yellow

** 1917 ✓ *Black wing parrot.* ♀ 264
Front cheeks & chin yellowish green; petiole, hind neck
& band across throat pale greenish blue; back, scapular
tertials & tail green, latter tipped blue; wings black
primaries blue on outer webs, edged green; auriculars
golden brown; lower parts green.
orange \ bluish flesh, base above pale olive yellow \ leaden

1918 ✓ " " ♂ 262

* 1919 ✓ *Obycter megalopterus* ♀ 569

X

Aguimarca, Feb 10, 1931

guava went shooting, I stayed in & skinned
birds from yesterday.

1920 ✓ *Metallura smaregdinicolis* ♀ 96
black \ black.

* 1921 ✓ *Lafresnaya lafresnayi rectirostris* ♀ 125
black \ black.

1922 ✓ *Elanoides pallatangae* ♂ 154
brown \ black, flesh below \ black

** 1923 ✓ *Euscarthmornis granadensis pyrrhops* ♀ 115
dusky yellow \ black, pale below \ pale bluish flesh.
Green above, lower & eye region cinnamon brown,
upper throat black, lower throat & abd. whitish;
chest gray; crissum pale yellow; inner wing coverts
& edges of hind supertail yellow.

** 1924 ✓ *Ochthoeca rufomarginata* ♀ 157
brown \ black \ black.

1925 ✓ *Hemispingus leucogaster* ♀ 138
brown \ black, leaden below \ leaden blue

1926 ✓ *Meococcyx stictopterus toeniopterus* ♂ 146
brown \ black, flesh below at base \ leaden

1927 ✓ " " " ♀ 130

X

[7]

Aguinamarca, Feb 11, 1931.

* 1928 ✓ *Boarremon poliophrys* ♂ 211
brown | black | blackish

1929 ✓ " " ♂ 205

1930 ✓ *Euscarthmornis granadensis pyrrhops* ♂ 114
straw | black | pale bluish

1931 ✓ *Leucippus leucogaster* laying ♀ 113
black, pink below black.

** 1932 ✓ *Thlypeopsis ornata macropteryx* ♂ 144
brown | black, leaden blue below | leaden blue
whole head, neck, throat & upper chest bright cinnamon
ochraceous, throat & chest slightly paler; sides & flanks
dull grayish, marked with ochraceous, belly white, cinnamon
ochraceous; above dull ashy gray, slightly marked with olivaceous.

1933 ✓ *Atlapetes mysticalis* ♀ 183
brown | black | brownish black.

* 1934 ✓ *Ochthoeca thoracica thoracica* ♂ 147
brown | black | black

* 1935 ✓ *Pseudospingus xanthocephalus* ♂ 153
pale yellow | black | leaden black.

1936 ✓ " " ♀ ♂ 152

1937 ✓ " " " ♂ 154

** 1938 ✓ *Synallaxis* ♂ 188
whole body & tail cinnamon rufous, dusky spot
at base of feathers on throat.
red | black, paler below basally | leaden blue

1939 ✓ " " imm. ♂ 192
brown | black, dusky yellowish below | pale blue

X

1940 ✓ *Elania pallatangae* ♂ 154
brown \ black, flk below \ black.

1941 ✓ *Hemispingus leucogaster* ♂ 145
brown \ black, leaden below \ leaden blue

** 1942 ✓ *Spodiornis (?) gardini* (imm?) ♂ 137
Upper parts dark bluish gray, below paler bluish gray;
crown broadly edged with white
brown \ blackish \ brownish black.

** 1943 ✓ *Iridisornis reinhardtii* T.E. ♂ 126
Whole head & throat black, with a broad golden yellow
band across occiput, down to sides of throat; back
dark purple, edging to orange + rump greenish blue;
dorsal violet blue, breast & abd. greenish blue.

brown \ black, pale horn blue below \ black

1944 ✓ " " T.S. ♂ 177

1945 ✓ " " ♀ 179

** 1946 ✓ *Delothraupis castaneiventris* ♀ 178
hazel \ black, leaden blue below \ dusky horn

1947 ✓ " " ♀ 174

1948 ✓ *Diglossa brunnei ventris* T.M.E. ♂ 148
brown \ black, leaden blue below basally \ black

* 1949 ✓ *Diglossa pectoralis* ♂ 160
brown \ black \ black

* 1950 ✓ *Diglossa ^{cyanera melanopsis} personata* T.E. ♂ 173
carmine \ black \ black

* 1951 ✓ *Poecilothraupis lunulata* ♂ 195
brown \ black \ black.

X

* 1952 ✓ *Psittospiza riefferi elegans* imm ♀ 220
hazel / dusky reddish / dull red

● 1953 ✓ " " " ♀ 213
brown / bright vermillion / bright pink scarlet

1954 ✓ *Heliochera rubricristata* ♂ 226
carmine / whitish basally, black apically / blackish

** 1955 ✓ *Euchlornis intermedia* ♂ 252
brown / crimson / pink scarlet

1956 ✓ *Turdus gigas gigantoides* ♂ 335
brown / reddish orange / orange yellow

* 1957 ✓ *Cyanolyca viridi-cyan* ♂ 350
~~*Xanthoura jolyana*~~
same as *macropygia*
brown / black / black

1958 ✓ " " imm ♀ 340

1959 ✓ " " imm ♂ 353

1960 ✓ *Chlorophaga melanoptera* chick ♀ 270
blue / black / blackish

1961 ✓ " " chick ♂ 273

Quijamarca, Feb 12, 1931

Went across river & up mountain side, got bat 4³⁰ P.M. I skinned birds all day

- * 1962[✓] Hummer ♂ 127
 Shining bronzy green above, below, throat cinnamon
 each feather with a shining bronzy green spot, chest
 bright chestnut rufous, sides greenish rufous; tail
 cinnamon below, tips & outer webs apically greenish
 black / dusky
- 1963[✓] " " ♂ 128
- * 1964[✓] *Serpophaga cinerea* ♀ 114
 brown / black / black
- * 1965[✓] *Pyrrhomyias cinerascens* imm (?) 130
 brown / black / black
- 1966[✓] *Margarornis squamigera perlata* ♂ 165
 brown / black, flesh below / blackish brown
- 1967[✓] *Tilyopsis ornata macroptera* ♀ 147
 brown / black, leaden below / leaden blue.
- 1968[✓] *Delothraupis castaneiventris* ♀ 175
 red-brown / black, leaden blue below / blackish brown
- 1969[✓] *Iridornis reinhardti* ♂ 170
 same as # 1943
- * 1970[✓] *Procnopis atricoerulea* ♂ 150
 Paler & nape greenish blue, slight spot of silver
 on occiput, interscapulum black, wings upper
 tail coverts & wing coverts bright caerulean blue, greater
 coverts & quills edged purplish blue, throat & upper
 chest silvery blue, breast, sides & crissum black blue
 belly black white
 brown / black, leaden below basally / leaden
- 1971[✓] *Diglossa personata* ♂ 170
 red / black / black

Aguimarra, Feb 13, 1931

I went back up valley again today but birds scarce, gran went along road to N. E. & above.

1971[✓] Numenius ♂ 134
same as No. 1962 black \ blackish

1972[✓] Euscarthmornis granadensis pyrrhops ♂ 113
straw \ black \ leaden blue

1973[✓] " " " ♀ 114

1974[✓] Ochthoeca thoracica thoracica ♂ 148
brown \ black, dark brown below \ black,

1975[✓] " " " ♂ 147

1976[✓] Synallaxis azara intermedia (?) ♀ 186
hazel \ black, leaden blue below \ olive

1977[✓] Hemispingus leucogaster ♀ 145
brown \ black, leaden below \ leaden brown

** 1978[✓] Hemispingus atropetius auricularis ♀ 168
brown \ black, leaden blue below \ pale leaden blue

1979[✓] Delothraupis castaneiventris ♂ 175
dark red \ black, leaden blue below \ leaden brown

1980[✓] " " ♀ 174

* 1981[✓] Myiarchus cephalotes ♂ 196
brown \ black \ black.
Probably same as Huacapistana

* 1982[✓] Turdus serranus serranus ♀ 265
brown \ black basally, brownish apically
\ dusky brownish yellow

1983[✓] Heliochera rubricristata imm. ♀ 220
brown \ black, leaden at base below \ blackish

* 1984 ✓ *Trogon personatus* ♀ 290
 brown \ olive yellow \ pale olive

* 1985 ✓ *Penelope* juv. ♂ 405
 brown \ blackish, pale below \ dusky red

Anguamarca, Feb. 14, 1931.

Swent up ridge on opposite side of quebrada.
 * Juan up up road toward Paucartambo.

1986 ✓ *Spizitornis parulus aquatilis* ♀ 114
 straw \ black \ black

* 1987 ✓ *Troglodytes solstitialis macrourus* ♀ 131
 brown \ black, pale below \ black yellow

* 1988 ✓ *Ochthoeca(?)* ♂ 177
 Palms earthy brown, scapular, back & rump
 dull chocolate brown; wings & tail black
 lower & broad supercilium to make buffy ochraceous;
 double wing bars of cinnamon. rufous;
 brown parts dull cinnamon. rufous; throat
 gray, belly & crissum more cinnamon, ochraceous.
 brown \ black \ black.

* 1989 ✓ *Scytalopus* ♂ 110
 same as *Huacapistana(?)*
 brown \ black \ dusky brown brown

1990 ✓ *Tilyopsis ornata macropteryx* ♂ 150
 brown \ black, leaden blue below \ leaden blue

1991 ✓ " " " juv. (1) ♂ 147

1992 ✓ *Boarremia poliophtys* T.E. ♂ 212
 hazel \ black \ brown black

1993 ✓ *Diglossa pectoralis* ♂ 166
 brown \ black \ black

1994 ✓ *Diglossa personata* ♀ 162
 red \ black \ black

1995[✓] *Elanoides pallatanga*
brown \ black, flesh below basally \ black.

♀ 150

1996[✓]

"

"

♂ 154

** 1997[✓] *Micropus*

♀ 133

entire upper parts, wings & tail sooty black, with
slight greenish gloss; tertials & rectrices narrowly
tipped with white; tail not spring; throat,
a line down center of breast & abdomen white, rest
below sooty black
brown \ black, below blue

** 1998[✓] *Cassicus*

♀ 287

blue \ pale yellowish, blue at base & below \ black.
Entirely black, with inner median & greater coverts
& large patch on rump, rich yellow

1999[✓]

"

"

♂ 310

blue \ pale orange brown basally, white apically, \ black.

2000[✓]

"

"

♀ 276

black white, brownish at base below

2001[✓] *Cyanolyca*

♂ 356

same as previous

brown \ black black

2002[✓]

"

"

♂ 351

~~* 2003 *Cathartes aura* specimen~~

Total *Aegymnura* species 57
new to coll 15

57-15

25 ✓

82-20

10

7

Total species to date 82
new to coll 19

X.

Hoda Caucazo, Pisco, Feb. 23, 1931

- 2003[✓] *Nycticorax* ♂ 627
 carmine \ black, dull yellowish at low. below,
 around eye dull green feet pale yellow, feet dusky
- 2004[✓] " " ♀ 604
 yellow \ olive green, ridge black, \ dusky olive green.

Caucazo, Pisco, Feb 24, 1931
 Both went to small ponds & salt marshes.

- ~~2003~~ 2005[✓] *Tachuris rubrigastra libertatis* ♂ 128
 white \ black \ black
- 2006[✓] " " " ♀ 116

- ** 2007[✓] *Phlaeocryptes melanops melanops* ♂ 147
 brown \ black, fluff at low below leaden brown

2008[✓] " " " ♂ 150

2009[✓] " " " ♀ 142

2010[✓] " " " ♀ 141

- ** 2011[✓] *Tringa minutilla* ♀ 142
 brown \ black \ dusky yellow

- ** 2012[✓] *Vermellina filicauda* ♀ 155
 brown \ black \ black

2013[✓] " " " juv ♂ 158

- ** 2014[✓] *Sicalis luteiventris raimondii* T.M.E. ♂ 135
 brown \ blackish brown, feet at low below \ dusky brown

- ** 2015[✓] *Callinula galeata pauxilla* ♂ 343
 62 brown \ dusky brown \ tip greenish \ dusky green

- ** 2016[✓] *Spoodyta conicularia intermedia* ♂ 210
 yellow \ pale greenish yellow, sides dusky \ dirty blackish

X

□□

* 2017 ✓ *Eupelia cruziana* T.M.E. ♂ 178
white \ orange basally, black apically \ pink blood

2018 ✓ " " Laying ♀ 172
dusky yellow \ yellow basally, black apically \ —

** 2019 ✓ *Querquedula cyanoptera* ♂ 400
63 brown \ blackish brown, pale below \ pale yellow, joints dusky

** 2020 ✓ *Nettion* (?) ♀ 488
64 brown \ leaden blue, orange spot on each side of
base of max. \ dusky brown.

Caucato (Pisco) Feb. 25, 1931.

** ✓ 2021 ✓ *Amizilia amizillis* T.M.E. ♂ 98
pink flesh, top black \ black

** 2022 ✓ *Anthus peruvianus* (?) ♀ 142
brown \ black, flesh below basally \ flesh.

2023 ✓ " " ♀ 143

2024 ✓ " " ♂ 143

2025 ✓ " " ♂ 140

2026 ✓ " " ♂ 141

** 2027 ✓ *Petrochelidon rufocollaris* ♀ 170
brown \ black \ brown

2028 ✓ " " ♀ 149

(13-12)

X

**

2029[✓] *Muscivora brevicauda*
hazel / black / flesh

♀ 127

2030[✓] *Pyrocephalus rubineus*
brown / black / black

♂ 158

2031[✓] " "

♂ 147

2032[✓] " "

♂ 153

2033[✓] " "

(?) ♀ 157

**

2034[✓] *Sporophila telasco* (T.M.E.)
brown / black / black

♂ 117

2035[✓] " "

♂ 115

** 2036[✓] *Sporophila telasco*

♀ 108

heavily white below, pale sandy brown above,
streaked heavily with blackish brown.
brown / brown brown, pale below / blackish

**

2037[✓] *Saltator* (type *olivaceus*)
brown / black / greenish black

♀ 220

**

2038[✓] *Mimus longicaudatus*
yellow / black / black

♂ 305

**

2039[✓] *Chordeiles acutipennis pruinosa*
brown / black / blackish

♂ 208

2040[✓] " " "

♀ 203

(19-18)

2041 ✓ *Chordeiles acutipennis pruinosa*
(same as 2039)

♀ 208

2042 ✓ " " " ♂ 212

2043 ✓ *Poospiza bonaparti* ♂ 145
White Throated Sparrow same as 2071

** 2044 ✓ *Spinus* ♂ 116
brown \ blackish brown \ black

2045 ✓ " " ♂ 115

2046 ✓ " " ♀ 118

2047 ✓ *Sicalis* ♀ 131
same as No. 2014.

brown \ blackish, feet below hardly \ blackish

* 2048 ✓ *Tropiatis bellicosa* ♂ —
brown \ black, pale leaden below \ leaden blue

2049 ✓ *Brachyospiza capensis* ♀ 161

** 2050 ✓ *Greater Yellowlegs* ♀ 348
70 brown \ black \ greenish yellow

✓ 2051 ✓ *Golden (or Black Bellied) Plover* ♀ 280
(no hind toe)
brown \ black \ black

✓ 2052 ✓ " " ♂ 270

2053 ✓ *Speotyto cunicularia intermedia* ♂ 252
(21-20) yellow \ pale greenish brown, under dusky \ dark color

(21-20)

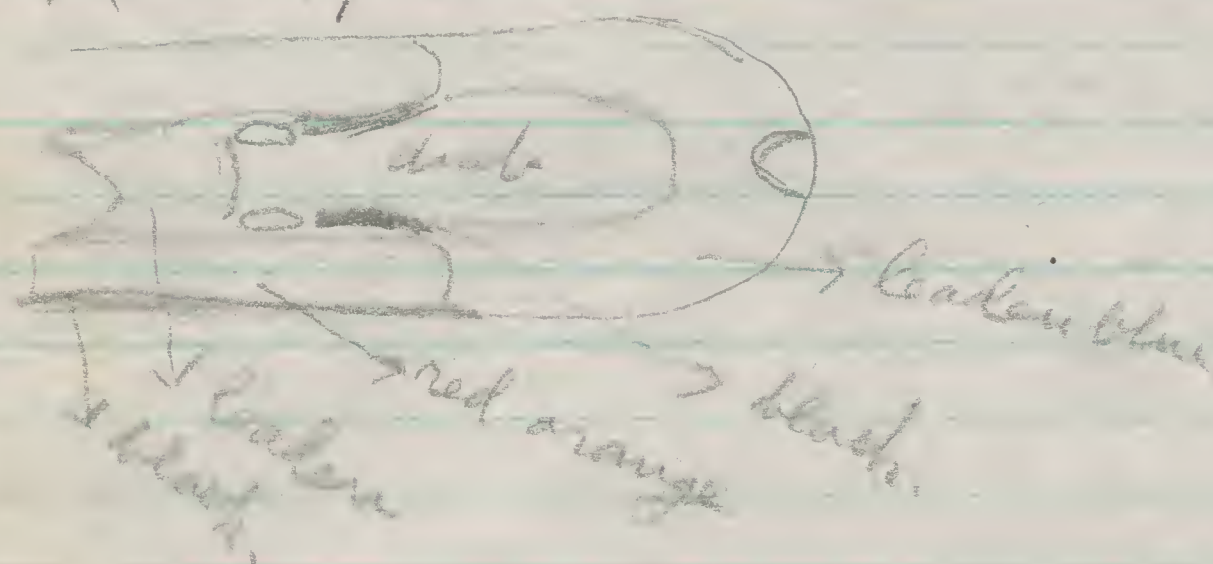
X

2054 ✓ *Nettion* ♂ 505
65 hazel | feet dull drab, joints & neck blackish

2055 ✓ " " ♂ 515
66

** 2056 ✓ *Fulica* (non *ardesia*) ♀ 400
67 red-hazel | white, front shield very pale yellow
pale leaden drab, joints dusky

** 2057 ✓ *Phalacrocorax* ♀ 730
68 Black above, white below.
gray | black, pale horn blue below | pale drab



Caucator, Feb 26, 1931

2058 ✓ *Nycticorax nycticorax* ♀ 580
74 red | blackish, greenish yellow below | pale olive yellow

** 2059 ✓ *Pyrocephalus rubinus* (black) T.S.E ♂ 159
brown | black | black

** 2060 ✓ *Ceryle americana* (medium green) ♀ 223
brown | black | black

** 2061 ✓ *Falco sparverius* ♀ 273
brown | leaden blue below, black apically | yellow

(14-23)

Cancun, Feb. 27, 1931

We went down to the ponds at sea shore starting at 4.30 A.M. - then collected in scrubby on between cotton & beach, back at 10 A.M. a frightfully hot day. Min. Temp., 5 A.M. = 75° F. Max. Temp inside home (3 ft adobe walls) = 85°.

- ** 2062 ✓ Long tail Hummer black, black ad ♂ 148
- 2063 ✓ " " ad. ♂ 156
- 2064 ✓ " " imm ♂ 110
- ✓ 2065 ✓ *Amizilia amizillis* (cinnamon tail) ♀ 105
black, flesh below, tip black, black
- * 2066 ✓ *Conirostrum cinereum* ♀ 112
may be same as *Otagus* birds.
brown, black, leaden below, black
- ** 2067 ✓ *Geothlypis aequinoctialis* T.M.E. ♂ 124
brown, black, flesh below, dusky flesh
Front & eye region black, Julian arch, crest above olive
green; below bright saffron yellow
- 2068 ✓ *Muscivora brevicauda* ♀ 123
Terrestrial Flycatcher - same as no. 2039
brown, black, dusky flesh
- 2069 ✓ " " ♂ 127
- 2070 ✓ " " ♂ 124
- ** 2071 ✓ *Poospiza bonaparti* T.E. ♂ 137
Front - dark slate above; supercilious, throat &
abd. white, chin black; sides slaty, crown chestnut
recess white on inner arch; sides of head & slight
supercilious (above white streak) black.
brown, black, horn below below basally, brown horn

X

2072 ✓ *Volatinia jacarina* —
brown | black, brown plus blue | blackish

T.M.E ♂ 158

T.M.E. ♂ 108

same as No. 2034 (chestnut Thrush)
brown / black / black.

11

same as Nov 2036 (may be 97 2073)
brown brown blackish

♀ 108

same as 2nd 2037.

brown / black / black

* 2076 ✓ *Tyrannus melancholicus* (?) T.M.E. ♂ 230
brown / black / black.

223

Red-bellied Meadowlark.

black, bluish flesh below / bluish flesh

♂ 198

Parasquid: - Heavy border around base of bill +

upper throat yellow; green above, greenish yellow below; wing quills like on outer inch; long pointed tail; green above & bluish green below.

Tail; green above & bluish green below
brown yellowish flesh. & dusky flesh.

♀ 190

♀ 1944

8188

2 187

♀ 353

brown/black / clay. yellow

1874

13 - 12

2084 ✓ *Colymbus americanus*

♀ 248

71 Reddish breast, white side to head - same as
juvenile birds
red \ black \ blackish drab.

2085 ✓ *Nettion* (?)

♂ 540

72 White necked Duck.
brown \ see under 2054

2086 ✓ *Phalacrocorax*

♀ 715

73 White breast

dusky throat \ pale brown blue, ridge black \ dirty drab.

* This bird sick, very poor & almost without blood

2087 ✓ *Pyrocephalus rubinus*

(?) ♀ 150

brown \ black \ black.

Caucato, Feb. 28, 1931

We went to the salt marsh between Hacienda
& bridge. saw about 100 ducks, a few
Green Wing Teal.

2088 ✓ *Topaza*

♀ 91

Hummer - ♀ of Longtail.
black \ black.

✓ 2089 ✓ *Amizillus* one T.M.E.
pink flesh, tip black \ black

♂ 113

* 2090 ✓ *Pygochelidon cyanoleuca*
brown \ black \ black

♀ 126

2091 ✓ " "

♀ 127

2092 ✓ " "

♀ 128

2093 ✓ *Phloeocryptes* ^{m.} *melanops*

♂ 145

brown \ black, flesh below belly \ dark brown

2094 ✓ *Muscivora brevicauda* ♀ 116
 Small Terrestrial Flycatcher
 hazel \ black \ dusky flank

** 2095 ✓ *Geothlypis* ♂ 155
 brown \ black \ white, edges of center dusky
 Pale sandy brown above, white below; outer web outer rectrices yellow
 below; wing with pale cinnamon, with subterminal black band

** 2096 ✓ *Rallus* { *virginianus aequatorialis* ♀ 215
elegans crassirostris
 Pale sandy brown above, heavily streaked with
 blackish; wing coverts pale chestnut; sides of head
 ashy; lower black; slight pale superciliary eye to bill.
 Throat whitish; middle region of lower part pale
 cinnamonaceous; flanks black, lined white.
 brown \ salmon red, ridge + tip blackish \ pale salmon

** 2097 ✓ *Progne* ♂ 183
 Blue black above & below
 brown \ black \ black

2098 ✓ *Spinus* ♂ 115
 same as others
 brown \ pale brown, tip dusky \ blackish

2099 ✓ *Eupelia croizana* T.M.E. ♂ 191
 straw \ orange basally, black apically, \ pale salmon red

2100 ✓ " " ♀ 178
 dusky straw \ yellow basally, black apically, \ pale salmon red

2101 ✓ *Nettion* (3) ♂ 520
 75 White necked duck
 brown \ see previous specimen.

2102 ✓ " " ♂ 518
 76

2103 ✓ " " ♂ 562
 77

Humay, Mar. 2, 1931

I went up to this little town, 25 miles up the river at 1300 ft, going Sunday afternoon by motor truck, collected a couple of hours along river road this morning & took in truck at noon.

* 2104 ✓ *Spizitornis reguloides albiventris* ♀ 123
probably same as *Obrayle*
brown \ black, fluff below, up back \ black

2105 ✓ *Muscivora brevicauda* m ♀ 123
Terrestrial Flycatcher
brown \ black, bluish fluff below \ pale below blue

2106 ✓ *Geothlypis* T.M.E. ♂ 133
same as 2067
brown \ black, fluff below \ dusky fluff.

2107 ✓ *Pyrocephalus rubinus* ♀ 163
brown \ black \ black.

2108 ✓ *Volatinia jacarina* T.E. ♂ 117
brown \ black, bluish fluff below \ black.

** 2109 ✓ *Bubo virginianus magellanicus* ♂ 482
yellow \ black \ claws black.

2110 ✓ *Geositta p. peruviana* T.E. ♂ 156
brown \ blackish, bluish white below back, \ white, edges of center of toe dusky.

2111 ✓ " " ♂ 155

2112 ✓ " " ♂ 155

— Caucazo, Mar. 2, 1931 — salt marsh.

2113 ✓ *Spizophrila telasco* T.M.E. ♂ 108

2114 ✓ *Ceryle americana* ♀ 228
brown \ black \ black.

2115 ✓ *Gallinula galeata paxilla* ♀ 353
78 brown \ bright crimson, up olive yellow \ olive green,
upper tibial (most) feathers with crimson soft.

Caucato, Mar 3, 1931

We went to bridge & collected in wood
lowland along river above bridge on S side.
birds abundant, but not many species.

2116[✓]

♂ 155

Long tail hummer

** 2117[✓] *Myiophobus rufescens*

(3) ♂ 128

Cinnamon Flycatcher -

dark brown above, concealed cinnamon in crown
& cinnamon (double) wing bars; wings & crest
black; cinnamon ochraceous below. throat pale;
outer rectrices edged & all tipped with cinnamon,
tail blackish.

2118[✓]

"

"

(1) ♀ 129

2119[✓]

"

"

♀ 127

2120[✓]

"

"

♀ 133

2121[✓]

"

"

♂ 130

** 2122[✓] *Tragodytes musculus andax* ♂ 127

** 2123[✓] *Elainia albiceps modesta* (?) ♂ 171

olive brown above, large concealed yellowish white crown patch
throat & chest pale, dirty, sides & flanks olivaceous, middle of breast
& belly whitish; cinnamon whitish olivaceous; one pale wing bar

2124[✓]

"

"

♀ 165

2125[✓]

"

"

T.M.E. ♂ 167

2126[✓]

"

"

♀ 172

✓ 2127 ✓ *Elania albiceps modesta*
same as 2123,

♀ 166

✓ 2128 ✓ " "

♀ 171

** 2129 ✓

♀ 161

Ashy Plumbeous Tanager: -
Above dark ashy plumbeous, front, breast & spot on
chin black; below entirely pale ashy plumbeous,
bill & feet yellow.

2130 ✓ " "

T.M.E ♂ 162

2131 ✓ " "

♂ 171

2132 ✓ " "

♀ 166

2133 ✓ " "

im ♂ 159

2134 ✓ " "

im ♂ 165

♀: - olive brown above, pale yellowish brown below.
bill & feet dusky yellow

2135 ✓ *Spototyto conicolaria intermedia* ♀ 230

2136 ✓ " " "

♂ 245

2137 ✓ " " "

♂ 232

2138 ✓ " " "

♀ 233

* 2139 ✓ *Zenaida auriculata* T.E. ♂ 269

probably same as *Alouatta*
(Total) additional specimen Caracas = 42
= 36
new to collection

Total species to here = 124
new to coll. = 55

X

Huancayo, March 5, 1931

2140 ✓ *Spizitornis reguloides albiventris* ♀ 150
brown \ black, flesh largely below

2141 ✓ *Volatinia jacarini pacifica* ♂ 113
brown \ black \ turn blue

2142 ✓ *Yellow billed gray Tanager* ♀ 162
brown \ bright yellow \ yellow

** 2143 ✓ *Catamenia analis* ♂ 129
Whole head, neck, throat & upper parts ashy gray, plum
finely streaked black; interscapular streaked with
sandy brown & heavily streaked black; wing coverts black
(also partly) median tipped white & greater edged & tipped
with pale ochraceous; a patch concealed white patch
on side each of primaries at edge of greater coverts; below
whitish, sides ashy & streaked dusky, crown tinged
with pale chestnut; nuchae with large white
patch on inner neck, in median portion.
♀ more brownish gray above, heavily streaked with dark
brown & blackish also below whitish, heavily streaked
crown ochraceous.
brown \ yellow \ black.

2144 ✓ " ♀ 126
brown \ dusky brown, yellow at base below black

2145 ✓ " ♀ 124
— \ dusky brown, yellow at base below

2146 ✓ *Mimus* ♂ 383
grayish yellow \ black \ black

2147 ✓ " imm ♀ 277
brown \ black \ black flesh below largely
just dark below

* 2148 ✓ *Dives Kalinowskii* ♀ 295
Shining black Icterus dot same as *Ohrigella*
brown \ black \ black

2149 ✓ " ♂ 295

✓ 2150 ✓ Chloromerpes rubiginosa rubripila ♀ 270
 Pileum slate gray, with black streak along sides
 bordering the dirty white of whole side of head; nape
 scarlet. Throat & upper chest black. rest below
 pale yellowish, barred with black, somewhat
 irregularly; brownish line above, wing dirty yellow,
 all barred (including wing) with black.
 brown | black | leaden

2151 ✓ Falco sparverius ♀ 278
 brown | leaden blue, tip of max. black | dull orange

* ✓ 2152 ✓ Gymnophelia erythrotherax ♂ 190
 spotted ground some (same as Oligo)
 pale blue - skin orange | black | flesh

✓ 2153 ✓ " " ♀ 188

✓ 2154 ✓ " " ♂ 183

✓ 2155 ✓ " " ♂ 193

✓ 2156 ✓ Zenaidura auriculata ♂ 278
 same as Causate.
 brown | black | purplish blood.

(2180 Melopelia meloda
 above dull grayish olivaceous, also lower
 wing coverts & tertials; wing & upper tail coverts
 slate gray; tail olive brown above; skin around
 eye blue; throat & chest pale buffy rufaceous;
 rest below bluish ashy gray, quills black,
 outer primaries edged white & large white patch
 on outer edge of wing from bend back over
 outer coverts & outer tertials

Huánuco, Mar 6, 1931.

**

✓ 2157 ✓ *Myrtis fannyae*

♂ 97

Hummer: above soft shining green, fulvous
 duller more blue, feathers of back & rump edged with
 grayish; tail purplish, feathers 30 mm. long, rather narrow
 & curved inward towards tip; throat glittering blue-
 green, lower edge purple, rest below ^{grayish} white, sides of
 neck & flanks buff.

♀ same as ♂ above, but head gray; below throat sides
 & flanks pale cinnamon buff, rest below white
 black | black | tail green above, black below, broad
 tip white

✓ 2158 ✓

"

"

♂ 100

✓ 2159 ✓

"

"

♂ 99

✓ 2160 ✓

"

"

♀ 93

✓ 2161 ✓

"

"

♀ 94

✓ 2162 ✓

"

"

♀ 93

**

✓ 2163 ✓ *Rhodopis vesper*

♂ 134

Hummer - bill 30 (black) tail 50

Dusky, shining green above, fulvous & rump feathers edged
 with grayish; upper tail coverts cinnamon, tail black
 deeply forked (shorter than =) throat glittering clear color
 blue on sides, lower throat & crissum white, breast
 grayish (short rectrices 28 mm. shorter than longest
 black | black

✓ 2164 ✓

"

"

♂ 140

✓ 2165 ✓

"

"

♂ 144

✓ 2166 ✓

"

"

♀ 126

=

- ✓ 2167 ✓ *Rhodopsis vesper* im ♂ 123
- ✓ 2168 ✓ " " ♀ 124
♀ above same as male, upper tail coverts less cinnamon
tail shining green above, below gray, subterminally
black, tip white
- 2169 ✓ *Volatinia jacarini pacifica* ♂ 115
- 2170 ✓ " " " ♀ 113
- 2171 ✓ " " " ♀ 111
- 2172 ✓ *Catamenia auolis* ♂ 136
adult ♂ entirely slate gray above, with wavy
black cross bars on sides of scapulum
- 2173 ✓ " " ♂ 132
- 2174 ✓ *Eupelia cruziana* ♂ 183
- ✓ 2175 ✓ ^{Psilopsiagon} ~~*Belbex hynchus*~~^{a.} *aurifrons* ~~arb~~ ♀ 199
Little Paroquet - same as *Caucala*
- 2176 ✓ *Mimus* ♂ 317
- 2177 ✓ " " ♂ 292
- 2178 ✓ *Dives* sp. nov. ♂ 304
Black Duck
- 2179 ✓ " " ♂ 296
- 2180 ✓ *Falco sparverius* ♀ 295
- ** 2181 ✓ *Melospelia meloda* ♂ —
Pigeon - after No. 2156

~~218~~ Huancayo, Mar. 7, 1931

2182[✓] *Spizitornis reguloides albiventris* ♂ 124

2183[✓] " " " ♂ 120

2184[✓] *Coriostroma cinerum litorale* ♀ 112
same as *cinereum* & *obsoletum*

2185[✓] " " " ♀ 117

2186[✓] *Troglodytes musculus audax* ♀ 124

** 2187[✓] *Sporophila simplex* ♀ 114

bill very thick & blackish; dark olive brown above,
wing blackish with double bar of buffy white.
sides of head dusky ochraceous; throat & chest buffy
white, abd. pale, buffy white & cinnamon white

2188[✓] *Catamenia analis* ♂ 126

2189[✓] *Poospiza bonapartei* ♂ 142

Finch same as No 2071

♀ grayish brown above, streaked with dusky; white
supercilium & breast; chest grayish, mixed with black
abd. whitish, sides pale grayish, slightly streaked; 2
rows notches with notches much smaller

2190[✓] " " " ♀ 135

** 2191[✓] *Turdus chiguanco conradi* ♂ 274

dark grayish olive brown above, pale grayish brown below
inner border of wing cinnamon; perianth with fine
white sharp lines.

** 2192[✓] *Crotophaga sulcirostris* ♂ 245

2193 ✓ Dives sp. nov.
Black Oriole

♂ 310

✓ 2194 ✓ Bolboryneces aurifrons
Little Parakeet - same as Caucator

♂ 185

✓ 2195 ✓ Gymnophelia erythrothorax

♂ 192

Spotted Ground Dove

bluish white | black | flesh | skin around eye orange

✓ 2196 ✓ Zenaidura auriculata

♂ 268

same as No 2139

brown | black | pink. blood.

Huancayo, March 8, 1931

all shot in corn cotton field by river.

2197 ✓ Topaza (?)

ad. ♂ 164

Long tail Hummer - same as Caucator

✓ 2198 ✓ Myrtis fannyae

♀ 92

Hummer - same as No 2157.

✓ 2199 ✓ Rhodopis vesper

♀ 130

Hummer - same as No 2163

✓ 2200 ✓ " "

♀ 127

✓ 2201 ✓ " "

♀ 127

2202 ✓ Volatinia jacarina pacifica

♂ 110

2203 ✓ " "

♀ 112

2204 ✓ Sporophila simplex

♂ 117

same as No 2187

(10-8)

X

2205 ✓ *Catamenia analis* ♂ 129

2206 ✓ *Proospiza bonapartei* ♂ 140
White-throated Sparrow

11 additional species	Total species = 135
9 new to coll.	new to coll. = 64

Huancayo, Mar. 9, 1931.

Shot on road about 4 miles above Huancayo,
on some earth cliffs. Flock of 6.

**
✓ 2207 ✓ *Aratinga frontata* ♂ 430

Entirely green except: - forehead back to hind edge
of eye, bend of wing & patch on edge of wing under
bar and wing, and lower end of tibiae all
bright crimson; under side of tail & wings more
slate green

✓ 2208 ✓ " " ♂ 407

Pampayo, Mar. 9

Shot along trail on opposite side of river from
Pampayo. A flock of 15 to 20.

**
✓ 2209 ✓ *Chactura zonaris* ♂ 221

Muckig, Mar 10, 1931

✓ 2210 ✓ *Rhodopsis vesper* ♂ 144
Hummer: same as large species at Huancayo.

✓ 2211 ✓ " " ♀ 126

2212 ✓ *Spizitornis reguloides albiventris* ♂ 123

2213 ✓ *Troglodytes musculus audax* ♀ 131

(1-1)

* 2214 ✓ *Melospiza nationi*

♀ 190

Pileum rufous brown, fore part edged with white, chin, breast & stripe around eye black; throat & malar region buffy white; chest gray; lower breast abd. & crissal immatures buff; back & wings grayish brown

2215 ✓ " "

♂ 189

✓ 2216 ✓ *Chloromerpes rubiginosa* ^{rubripileus} imm ♂ 275
same as at Huancayo; quite common here.

✓ 2217 ✓ " " imm ♀ (?) 265

✓ 2218 ✓ " " ♀ 277

✓ 2219 ✓ " " imm ♀ 269

* 2220 ✓ *Pheucticus chrysogaster*. T.E. ♂ 230
(same as from Obrajillo)

2221 ✓ *Dives*. sp. nov. ♀ 290
Black Oriole

2222 ✓ *Turdus chiguano conradi* ♂ 288
same as from Huancayo.

2223 ✓ " " ♂ 280

Méhic, Mar. 11, 1931

- ** 2224 ✓ *Himnapardalis vetyrhynchus* ♀ 280
 Olive brown above, crown more slaty; wings
 blackish; entire lower parts slate gray; iris brown
 black; slender over brownish.
 Lin carmine, bill gray green, blue at base of max.
 + carmine at base of mandible on sides of max., feet salmon
- 2225 ✓ " " ♂ 300
- 2226 ✓ *Turdus chiquano conrad*, ♀ 273
- * 2227 ✓ *Glaucoedon brasiliensis* ♀ 140
 probably same as *Chagilla*.
- 2228 ✓ " " ♀ 175
- 2229 ✓ *Pheucticus* _____ ♀ 225
 brown/black, pale brown below, leaden brown
- 2230 ✓ " " ♂ 232
- 2231 ✓ " " ♂ 217
- * 2232 ✓ *Patagona gigas peruviana* ♀ 216
- ✓ 2233 ✓ " " " ♂ 222
- ✓ 2234 ✓ " " " ♀ 212
- ✓ 2235 ✓ " " " ♀ 209
- ** 2236 ✓ *Colibri* _____ ♂ 156
 more isolated, but has blue tail instead
 of pale green.

2237 ✓ Colibri _____
same as 2236.

♂ 161.

2238 ✓ " "

♀ 139

2239 ✓ " "

♂ 158

2240 ✓ " "

♂ 151

✓ 2241 ✓ Myrtis fannyae ♂ 99
Hummer - Small one from Huancayo
black (black)

2242 ✓ Dives sp. nov. ♀ 291
Black Oriole

Mucuz, Mar. 12, 1931

2243 ✓ Spizitornis regoldoides albiventris ♂ 122

** 2244 ✓ Myiochanes cinereus) punensis ♀ 152
eggs size 10x10

2245 ✓ " " ovary small. ♀ 150

* ✓ 2246 ✓ Ochthoeca leucophrys leucometopa ♀ 157

Pileum dark ashy brown; back hair brown; wings
& tail blackish, secondaries & tertiaries narrowly edged
with white; broad white superciliaries to occiput;
sides of head blackish; lower parts pale ashy, median
part of lower breast & abd & whole of crurium white
outer rectrix white on outer web; under wing
coverts gray, mixed with white

✓ 2247 ✓ " " ♂ imm. 140

✓ 2248 ✓ " " imm. ♀ 130

(9.5)

2249 ✓ Melospiza nationi T.E. ♂ 195✓ 2250 ✓ Chloronotus rubiginosa ♂ 2882251 ✓ Dives sp. nov. ♂ 312
Black Brindle2252 ✓ Falco sparverius ♀ 278✓ 2253 ✓ Aratinga frontata ♂ 363
same as 2207

✓ 2254 ✓ " " ♂ 375

Muchig, Mar 13, 19312255 ✓ Troglodytes musculus andax ♀ 130* 2256 ✓ Micropus peruvianus ♂ 137
White bellied Swift - same as Obrajillo** 2257 ✓ Spinus capitalis ♂ 133Pileum & sides of head & malar region black; chin
throat & entire lower parts yellow; above greenish
yellow, feathers blackish basally, showing as
black streaks; wings yellow, inner black,
broad band of yellow across basal portion; inner
lower coverts color of back, greater black, tipped yellow.

2258 ✓ " " ♀ 130

♀ black of head replaced by ashy gray, with
dusky center to feathers of pileum, back grayish
greenish; chest whitish, also belly & crissal
sides yellowish; wings same as ♂.

* 2259 ✓ " " ♀ 123

2260 ✓ Pyrgilus alaudinus ♂ 150

Spawner; gray above & throat, red white below

2261 ✓ " " ♂ 153

2262 ✓ Falco sparverius ♂ 270

(12-6)

Total additional species Mullig = 12
new to collection = 6

Total species to date = 147
new to collection = 70

503 items

[22]

Altitude	Causaco	=	sealevel.
"	Nurnay	=	1300 ft
"	Huancayo	=	3300 "
"	Mitchig	=	7000 "

2262
1787
475
428
503

5/2 125
50 20 1/2

Bahia de la Independencia, Mar. 17.

- **
2263 ✓ 79 Flamingo ♂ 1040
 straw / pink pink larally, black apically
 feet blunt rosy, legs pale greenish yellow
- 2264 ✓ 80 " " ♂ 1050
- 2265 ✓ 81 " " ♂ 1050
- **
2266 ✓ 82 Black capped Tern ♀ 512
 brown / brownish red / black
- 2267 ✓ 83 " " ♂ 510
- 2268 ✓ 84 " " ♂ 550
- **
2269 ✓ 85 Small Rose Gull ♀ 382
 brown / blackish narrow, tip red / dark brown-red.
- **
2270 ✓ 86 Big Gray Gull imm ♀ 525
 brown / pale greenish black, tip red, subapically black /
 dusky greenish yellow, feet darker
- 2271 ✓ 87 " " imm ♀ 520
- 2272 ✓ 88 " " imm ♂ 520
 dark yellow, tip red, slightly black subapically
 feet yellow
- **
2273 ✓ 89 Booby imm ♂ 687
 hazel / leaden blue / dull leaden
- 2274 ✓ 90 " " ♀ 765
 red / leaden brown / skin at base bluish

**

2275 ✓

♀ 682

91

Red Legged Cormorant
gray / brownish yellow, ridge black, base
red / red

2276 ✓

♀ 692

92 less red at base / feet reddish yellow

2277 ✓

♀ 745

93

White breasted Cormorant

Total skins	503	+	15	=	518
" species	147	+	5	=	152
new species	70	+	5	=	75

X

[24]

Nazca, Mar 22, 19312278 *Spiziteris reguloides*
albiventris ♀ 1172279[✓] *Myiophobus rufescens*
Cinnamomum (?) 1332280[✓] *Comirostrum cinereum*
Litorale ♀ 1172281[✓] *Volatinia jacarini pacifica* ♂ 1112282[✓] *Muscivora brevicauda* ♀ 1202283[✓] " " ♂ 1262284[✓] " " ♀ 1252285[✓] *Saltator striatipictus* T.M.E. ♂ 2242286[✓] *Geositta peruviana* ♀ 1572287[✓] *Pyrocephalus rubinus* ♀ 158✓ 2288[✓] *Elanoides albiceps modesta* (?) ♂ 173✓ 2289[✓] " " " ♂ 1682290[✓] *Sporophila telasco* ♂ 108** 2291[✓] *Neorhynchus leucotis* T.M.E. ♂ 136
Thick bill Sparrow2292[✓] " " ♂ 126

2293 ✓ Noothynchus devronis imm ♂ 128
Thick Bill Sparrow

2294 ✓ " " ♀ 126

2295 ✓ Pooeciza bonapartei ♂ 138
White Throated Gray Sparrow

2296 ✓ " " ♀ 134

2297 ✓ Himnapardalis retyrhynchus imm ♂ 300
brown \ dark greenish, ridge black \ dark brown

2298 ✓ Mimus ♀ 305
brown \ dark greenish, ridge black \ dark brown

2299 ✓ Tropialis bellicosa ♂ 220
meadow lark.

2300 ✓ Pheucticus chrysocephalus ♂ 237

Nazca, Mar. 23/31.

2301 ✓ Topaza ♂ 150
Long Tail Hummer

✓ 2302 ✓ Amizilla amizillis ♀ 107

2303 ✓ Volatinia jacarini pacifica ^{large eggs} ♀ 114

2304 ✓ Conirostrum cinereum littorale ♂ 115

✓ 2305 ✓ Elaenia albiceps modesta (?) ♂ 170

✓ 2306 ✓ " " " ♀ 163

- X
- ✓ 2307 ✓ *Elania albiceps modesta* (?) ♀ 25 165
- 2308 ✓ *Pyrocephalus rubineus* ♀ 158
- 2309 ✓ *Muscigralla brevicauda* ♂ 128
- 2310 ✓ " " ♀ 121
- 2311 ✓ " " ♂ 128
- 2312 ✓ *Neorhynchus devronis* ♂ 134
Thick billed Sparrow
- 2313 ✓ *Poospiza bonapartei* ♂ 135
White Throated Sparrow
- 2314 ✓ " " ♂ 140
- 2315 ✓ " " ♂ 139
- 2316 ✓ " " ♀ 130
- 2317 ✓ " " ♀ 135
- 2318 ✓ " " ♀ 132
- ✓ 2319 ✓ *Chloronotus rubripilus* ♂ 283
brown \ black \ dull leaden
- 2320 ✓ " ♀ 260
- ✓ 2321 ✓ " ♂ 268

2322[✓] Tropialis bellicosa ♂ 233
 Meadowlark

2323[✓] Speotyto cunicularia ♂ 244

Nazca, March 24/1931

2324[✓] Myiophobus rufescens ♀ 130
Common breasted flycatcher

2325[✓] " " ♀ 127

2326[✓] " " ♂ 132

2327[✓] " " imm ♂ 115

2328[✓] " " ♀ 118

2329[✓] Troglodytes musculus audax ♂ 122

2330[✓] Muscivora brevicauda ♀ 118

2331[✓] Pooecetes bonapartei ♂ 132
white throated sparrow

** 2332[✓] Systellura ruficervix decussata (?) ♀ 215

2333[✓] Sporophila telasco ♀ 113
maroon throat

2334[✓] Catamenia analis ♀ 128
white spots in tail

2335[✓] " " ♀ 162
yellow billed gray tangar

2336 ✓

yellow bill Gray Tanager

[26]
juv ♂ 160

2337 ✓

"

"

juv ♀ 162

✓ 2338 ✓ *Elania albiceps modesta* ♂ 175

✓ 2339 ✓

"

"

"

♀ 169

2340 ✓ *Neorhynchus devronis*

♂ 131

✓ 2341 ✓

"

"

im ♂ 133

2342 ✓ *Pyrocephalus rubineus*

♂ 156

2343 ✓

"

"

♂ 155

2344 ✓ *Tupialis bellicosa*

♂ 220

✓ Meadowlark

2345

"

"

horn black, horn blue below | horn blue ♂ 219

X

Nazca, March 25/1931

- 2346[✓] Long Tail Hummer ♂ 150
- 2347[✓] " " ♀ 90
- 2348[✓] Amizilia amizillis T.M.E ♂ 108
- 2349[✓] " " ♀ 104
- 2350[✓] Rhodopsis vesper ♂ 132
- 2351[✓] " " ♂ 137
- 2352[✓] " " ♀ 128
- 2353[✓] " " ♀ 130
- 2354[✓] Spizitornis reguloides albiventris ♂ 124
- 2355[✓] Muscigralla brevicauda ♀ 124
- 2356[✓] Sporophila telasco ♂ 111
- 2357[✓] " " ♂ 112
- 2358[✓] " " ♀ 116
- 2359[✓] Neorkhynchus devianis ♂ 129

X

[27]

- 2360[✓] *Neorhynchus devrons* ♂ 132
- 2361[✓] " " ♀ 128
- 2362[✓] " " ♀ 127
- 2363[✓] *Saltator striatipectus* ♀ 222
- 2364[✓] " " ♀ 212
- 2365[✓] *Tropialis bellicosus* ♀ 197
Meadowlark
- 2366[✓] " " ♀ 190

Nazca, March 26/1931

- 2367[✓] *Ammodramus rostratus* ♂ 725
red \ pale gray green, base red, blue spot at edge of feathers
on max. \ legs red.
- 2368[✓] *Speotyto cunicularis* ♂ 250
yellow \ pale horn, base darker greenish \ dist. color

Nazca, Mar 27, 1931.

- 2369[✓] Saltator striatipectus - ♂ 230
 immaculatus
- 2370[✓] " " " " ♂ 230
- 2371[✓] " " " " ♂ 225
- 2372[✓] " " " " ♂ 230
- 2373[✓] Myrtis fannyae ♀ 92
- 2374[✓] Myiophobus rufescens ♂ 135
- 2375[✓] " " " ♀ 132
- 2376[✓] Pyrocephalus rubineus juv ♂ 155
- 2377[✓] Troglodytes museulus audax ♂ 130
- 2378[✓] Volatinia jacarini pacifica T.E. ♂ 117
- 2379[✓] " " " " ♀ 114
- 2380[✓] Muscigralla brevicauda imm. ♀ 110
- 2381[✓] " " " " ♀ 125
- 2382[✓] Elaenia albiceps modesta ♀ 164

X

[28]

2383 ✓

Yellow bill Gray Tanager

♂ 160

2384 ✓

" "

♀ 169

2385 ✓

Glauucidium

♀ 191

2386 ✓

Melopelia meloda

imm ♀ 292

2387 ✓

" "

imm ♀ 296

Nazca, Mar 28/1931.

2388 ✓

Amazilia amazillis

♀ 103

2389 ✓

" "

T.E. ♂ 101

2390 ✓

" "

♀ 109

2391 ✓

" "

T.M.E. ♂ 110

2392 ✓

Pygochelidon cyanoleuca

♂ 135

2393 ✓

Saltator striatipectus

immaculatus

imm ♀ 220

2394 ✓

" " "

♂ 235

2395 ✓

Geositta p. peruviana

♂ 153

2396 ✓

Neorhynchus devronis

♂ 130

X
2397[✓] *Chloronerpes rubiginosa* im ♂ 265

2398[✓] " " ♀ 282

2399[✓] *Zenaida auriculata* ♀ 263

~~2400 *Melospiza melode* + 12~~

2401[✓] " " ♀ 310

2402[✓] *Speotyto cunicularia intermedia* ♂ 235

2403[✓] *Amazilia amezillis* T.M.E. ♂ 113

2404[✓] *Myiophobus rufescens* ♂ 135

2405[✓] *Pooecetes bonabartei* ♀ 134

2406[✓] *Elanenia albiceps modesta* ♂ 120

2407[✓] *Chloronerpes rubiginosa* ♀ 261

No. 2398 had crop full of small
arborescent ants.

Nazca, March 29 / 31.

- 2408[✓] *Myrtis fannyae* ♂ 99
- 2409[✓] *Rhodopsis vesper* ♂ 138
- 2410[✓] *Amizilia amizillis* ♀ 103
- 2411[✓] " " ♀ 102
- 2412[✓] *Myiophobus rufescens* ♂ 133
brown \ black \ black
- 2413[✓] *Pyrocephalus rubineus* juv ♀ 160
- 2414[✓] *Muscigralla brevicauda* ♀ 126
- 2415[✓] *Poozpiza bona barteri* ♀ 135
- 2416[✓] *Sporophila telasco* ♂ 113
- 2417[✓] " " ♀ 111
- 2418[✓] *Neorhynchus devronis* ♂ 130
- 2419[✓] " " (?) 128
- 2420[✓] " " ♀ 128
- 2421[✓] *Tropialis bellicosa* ♂ 227

2422[✓] Eupelia cruziana

♂ 185

2423[✓]

"

"

♀ 184

Total skins to Independence Bay

518

" " in Nazca

146

664

Total species Independence Bay 152

Additional species in Nazca

2

154

" new species " " = 2 - total

77

Lake Junin Collecting January 1931.

Headquarters were at K.M. 72 on Cerro de Pasco R.R. in little Hunting Lodge belonging to a Hunting Club in Croya. The Lake shore is about $1\frac{1}{4}$ miles from the R.R., the ground between being almost level, slightly sloping & covered with short grass. Quite a large part is covered with "champa" & pot holes filled with water, the balance dry ground. Birds are fairly common on this Pampa. *Ptilosceles resplendens* common, *Geositta* & ~~Sicalis~~ *Sicalis* most abundant of all, especially latter. A few "Seed Snipe" & Burrowing Owls & Flickers. In a reedy marshy tract towards the north were numerous Andean Snipe, a few Gallinule. Down near water's edge the little Chestnut Backed Flycatcher were numerous, also scattering flock of *Larus serrana* & Black Ibis. Pairs & small flocks of *Anserquedula Puma* were everywhere, mixed in with *Fulica ardesiaca* & *Colymbus americanus*. In some shallow ponds running back from Lake towards R.R. about 2 K.m. to the north were usually found scattered pairs & small flocks of Pintail Ducks. The Gulls & *Ptilosceles* were a perpetual nuisance while shooting, continuously flying about overhead in circles & screaming, frightening away other birds. No Geese were seen around the Lake at this season, as they were breeding around the small mountain lakes higher up. Flamingos were seen but once, a flock of about 25 or just inside the Reeds, well out from shore on a small island, but inaccessible. Black Crowned Night Heron were quite common along shore of Lake & very tame. A ditch had been opened from the lake inland for about 200 yards & a boat house built at its end, where the Club's launch was kept while in use, but at other times it was carried to R.R. & staid in Club House. This canal led to an opening in the reed bed, the only outlet to Lake anywhere along the shore in that section. The reed bed varies in width from 100 yds to a mile

& in the wider parts has many narrow open lanes of water. winding shoreward for long distances, also along lake side are numerous islands of Reeds. Along the outer side of the Reed Bed water fowl abound. Coots, *Colymbus americanus* & *tazunowskii*, *Anergadula*, *Nettion* & *Ibis*. In the water lanes only were found *Ereunatura*, but not very common & very shy. At this time there were quite a number of young grebes, Coots & Duck, & a good many *Anergadula* in the "Eclipse", these being in the small water lanes. Quite a number of Lake Trout were seen, planted by the Leno de Passo Co. Small fish 1 to 3 inches abounded. Water weed of several species everywhere. Lake not more than 6 feet deep anywhere along outer edge of Reed bed, & often only 2 or 3 feet. Men in "Reed Bahai" often seen hunting frogs with long pole with double iron prongs on end.

Up at the head of a valley opening back of Duck House, at 14000 ft. were three lakes, two quite large & one rather small, & about 4 to 5 miles distant. These lakes were surrounded by high rocky, precipitous peaks.

In the small lake a flock of perhaps 15 *Ereunatura* were found, several Coots & a couple of *Gallinules*, also a pair of *Anas cruxata*. Several *Nysticorax* & Gulls present. Patocancha, lies just above this lake, is large but shallow, with a reed bed along lower edge. Here a pair of Geese were taken, with 2 young. Also a half dozen pairs of *Larus serranus*, all with small young, 4 of which were secured & 2 adults. The nests of the Gulls were on small islets, built up about 6" high of dry grass & ~~and~~ ^{and} twigs, with shallow nest cavity. Apparently all had hatched out. Ruddy Ducks also present & a few *Colymbus americanus*.

I was told that a pair of *Fulica gigantea* had been there, but were not seen.

apparently, had been killed. The small lake also had a large island & low reeds, & apparently the water birds there nested in these reeds.

Lake Kaikucancha, the largest lake is nearly a mile long by $\frac{1}{2}$ mile wide & quite deep. Here another pair of Geese were taken with 2 young. One Co's seen & one An. a small flock of Anas cristata. also a flock of Nettion. Just below the outlet of this lake were some small ponds, frequented by Nettion.

The Geese nest on the cliffs back of these small mountain lakes & (it is said) carry the young down to the water as soon as hatched. When birds are full grown, or can fly well, they go down to the shores of Lake Junin.

Carhuamayo to Uquimarca.

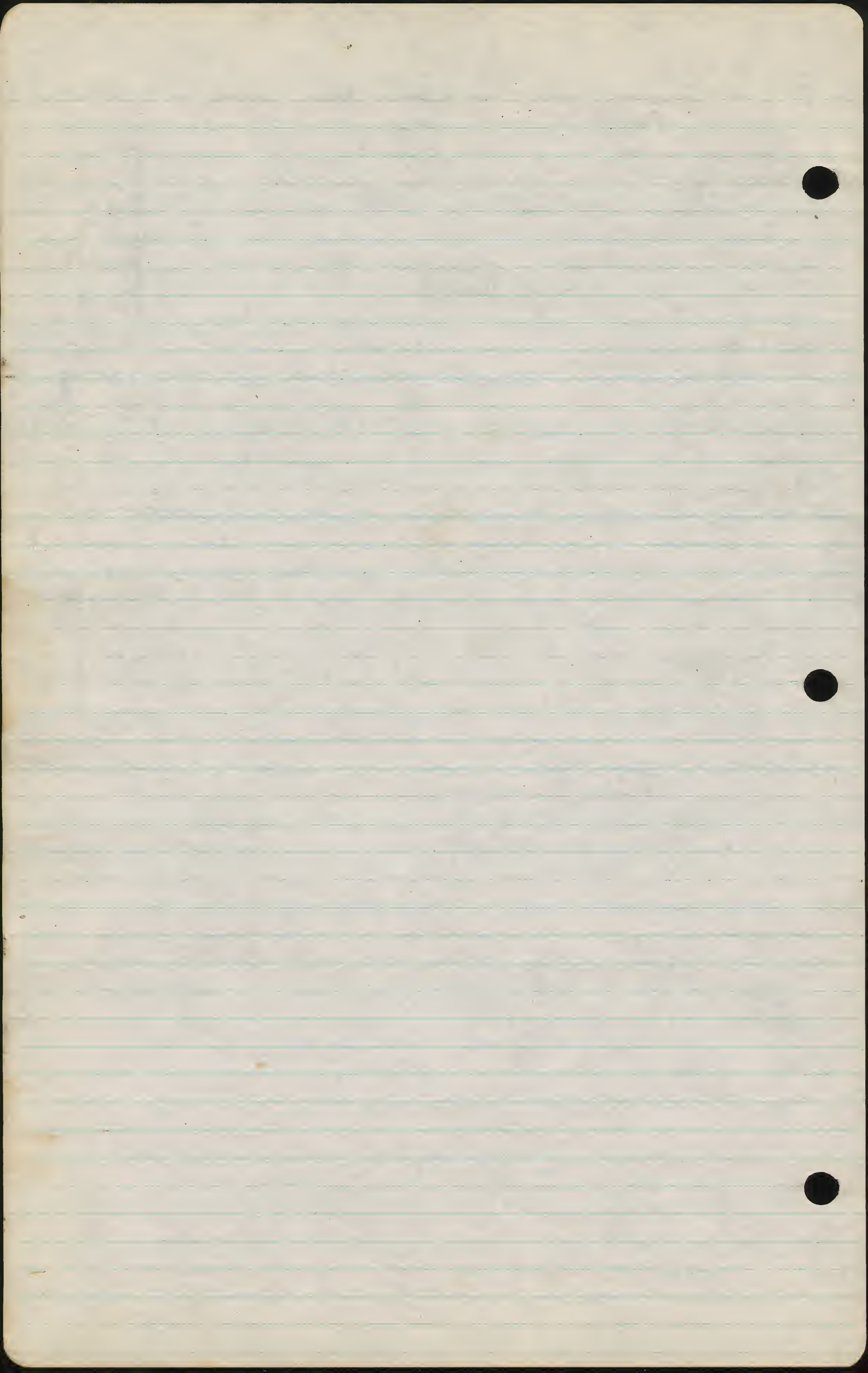
Road leads up wide flat valley from town. Some 3 miles back, valley divides & road follows right hand branch, which rises more rapidly for a couple of miles, then opens out in long wide, nearly level plain, with a large shallow lake in lower end. Geese, Anas cristata, Nettion & Gulls were seen here. At upper end of this plain is a low ridge, forming watershed between this valley & the head of valley running down to Uquimarca. This valley is crossed & a long slope up to another ridge, then down into another big valley with large lake, leading into the Uquimarca lower down. From this lake an abrupt climb up to 14,200 ft. to divide, beyond which heads the Paucartambo valley & river, with a large deep lake at its head. We followed down this valley to the town of Paucartambo at 9,200 ft. Vegetation in form of low scrubby trees & shrubbery ends at 12,000 ft. Birds of numerous species seen down this valley (see list opposite)

Birds seen between Paucartambo & head
of Valley.

Spent night at Paucartambo, arriving at
5³⁰ P.M. Valley narrow and rocky here,
in fact, narrow & very rocky up to about
12000 ft. Below town a large stream
comes in from left & valley opens
out more, with large level fields of
corn & potatoes under irrigation. A good
deal of shrubbery & low trees along sides
& along banks of river. *Merganetta* quite
common along here in river, but water
too high to secure them.

Reached Aguimarca at 12³⁰ P.M.
village on a large mesa on left hand
side of valley at least 1000 feet above the
river at alt. of 8,300 ft. Large sloping
mesa below town, all cultivated, while
wide valley opens up above town
running back up to long range, well
above timber line to perhaps 12000 ft.
A large tract of virgin forest up this
valley, mostly on south slopes, but
steep & broken, & almost impenetrable,
there being no trails scarcely which
penetrate it. One very bad trail leads up
north side of valley to head, passing
through a piece of virgin forest, where
most of the forest birds were secured.

Opposite Anguimarca, on other side of Rucni
 + from 8500 ft up to timber line is a
 large tract of forest, but steep & broken &
 difficult of access, as the trail goes back
 up the valley several miles to a bridge,
 then down on opposite slope. Juan went
 over there once, but I did not go, as our
 time was too short. In the cultivated
 lands below & above the village, shrubbery
 & low trees were common, but birds
 scarce & of few species, the following
 forms being taken in this open
 country. A pair of *Phalaropus* in a pasture
 above town. All Hummers but 2 (*Colibri*
isolatus + _____) were taken above
 the village along edge or in forested belt.
 Juan took a pair of *Dendrocinclus* on opposite
 side of valley, all the rest taken in
 shrubbery up the valley, just below forest.
 Several *Pum* species were taken up on
 top of the range above the forest.
 Collecting very difficult here, far away
 & country very rough & rocky.



La Punta de Bombon, Apr. 6/1931.

- 2424[✓] *Myrtis fannyae* juv ♂ 104
black | black.
- 2425[✓] *Rhodopsis vesper* ♂ 146
black | black.
- 2426[✓] " " ♂ 140
- 2427[✓] " " im. ♂ 142
- 2428[✓] " " ♀ 129
- 2429[✓] " " juv ♂ 128
- **
2430[✓] *Spizitornis r. reguloides* ♂ 122
brown | black, pink below, tip black | black.
- 2431[✓] " " " " juv ♂ 108
— | black | black, pink at base below
- 2432[✓] " " " " juv (?) 114
- 2433[✓] *Coriurostrum cinereum littorale* ♀ 118
brown | black, black below | black
- 2434[✓] " " " " ♀ 115
- 2435[✓] " " " " ♀ 116
- 2436[✓] *Spinus ^{sempervadzi Kii} ~~hawaiiensis~~ vaimendi* ♂ 121
Same as *Causate* - brown | black | black.
- 2437[✓] *Pyrocephalus rubinus* ♂ 161
brown | black | black

X

- 2438[✓] *Pyrocephalus rubinus* juv ♂ 165
- 2439[✓] " " imm ♀ 160
- 2440[✓] *Moscivora brevicauda* T.E ♂ 130
brown \ black \ bluish flesh
- 2441[✓] *Dacnis plumbea* juv ♀ 167
yellow bellied *Coccyzus*
- 2442[✓] " " juv ♀ 170
brown \ black, yellow at low throat pale brownish
- 2443[✓] " " juv ♀ 162
- 2444[✓] *Elanoides* ♂ 171
brown \ black, flesh. below, up black \ black
- 2445[✓] *Systellura* ♂ 195
same as *Maraca* bird, but not ruficervix.
brown \ black \ black
- 2446[✓] *Eupelia cruziana* ♂ 175
brown \ orange barably, black apically, \ pink salmon
- 2447[✓] *Troopialis bellicosa* ♂ 240
brown \ black, horn blue below horn blue
- 2448[✓] *Speotyto cunicularia* ♂ 243
yellow \ pale greenish yellow, sides black \
feet dark red.

La Punta, Apr. 7, 1931.

~~2444~~ I went straight down to the sea
 & worked along beach to mouth of the
 Tumbes River, then up the river to road
 coming in from Mollendo.
 Juan worked over to river & along river
 above road.

- 2449 ✓ *Myiophobus rufescens* ♀ 126
 brown \ black, fluff at base below \ black
- 2450 ✓ *Anthus peruvianus* (?) T.E. ♂ 145
 brown \ black, fluff below, tip black \ fluff
- 2451 ✓ " " ♀ 140
- 2452 ✓ " " T.E. ♂ 142
- 2453 ✓ *Pyrocephalus rubinus* (black phase) 158
 brown \ black \ black ♀
- 2454 ✓ " " " " ♀ 157
- 2455 ✓ " " " " ♂ 162
- 2456 ✓ " " " " ♀ 158
- 2457 ✓ *Petrochelidon ruficollaris* ♂ 165
 brown \ black \ black
- **
 2458 ✓ *Oxyechus vociferus peruanus* ♀ 251
 (Heldre).
- 2459 ✓ " " " " ♂ 245
 brown \ black \ pale dark \ bright red
- 2460 ✓ *Coriostroma cinereum litorale* ♂ 119
 brown \ black, pal. base of tail below \ leaden black

X

** 2461 ✓ *Cinclodes taczanowskii* ♂ 222
brown \ black, flesh at base below \ dark brown

2462 ✓ *Systellura* _____ ♀ 195

same as no. 2445.
brown \ black \ brown

** 2463 ✓ *Turdus chiguanco chiguanco* ♂ 270
brown \ yellow \ yellow

2464 ✓ *Spinus semiradzskii* ♂ 113

(same as *Caucasus*.)

brown \ blackish, brown below \ black

2465 ✓ " " ♂ 121

2466 ✓ " " ♂ 118

2467 ✓ " " ♀ 113

2468 ✓ *Eupelia cruziana* T.E. ♂ 188
shiny \ orange broadly, black apically, \ pink below

2469 ✓ " " enlarged ♀ 177
yellow broadly, \ pale pink salmon

2470 ✓ *Speotyto conicularis* _____ ♂ 246
yellow \ pale greenish yellow, sides black \ dirt color

** 2471 ✓ *Theristicus melanopsis* ♀ 695
red \ black \ pink black.

97

La Puente, Apr. 8.

2472 ✓ *Larus dominicanus*

♂ 575

98 | big white head

2473 ✓ *Larus atricilla* (?)

— 502

99 | large - black head, white below.

brown \ yellow, tip red, subterminally black \
pale yellow

2474 ✓ *Himnapardalis retirohynchus* ♀ 300

2475 ✓ " " juv ♀ 297

2476 ✓ " " juv. ♂ 321

2477 ✓ *Turdus chiguaneco* ♀ 253

2478 ✓ *Ceryle americana* ♂ 231

2479 ✓ " " ♀ 235

2480 ✓ *Elanenia albiceps modesta* ♂ 170

2481 ✓ " " " ♂ 172

2482 ✓ *Petrochelidon roficollaris* ♀ 163

2483 ✓ *Spizitornis r. reguloides* juv ♂ 115

Previous totals {
skins 664 + 60 (La Puente) = 724
specimens 154 + 6 = 160
new " 77 + 6 = 73

X

Triabaya (Areguifa) April 12, 1931.

Thaumastura c. cova

- 2484 ✓ ~~Topaza (?)~~

Long tail Hummer.

♂ 160

2485 ✓ Spizitornis n. reguloides

♀ 123

2486 ✓ Conirostrum cinereum littorale

♀ 116

2487 ✓ Troglodytes musculus

I.E. ♂ 130

2488 ✓ " "

T. Small. ♂ 125

2489 ✓ Conirostrum cinereum littorale im ♂ ♀ 120

2490 ✓ Spinus capitalis

♂ 124

2491 ✓ " "

♀ 125

2492 ✓ " "

im. ♀ 121

2493 ✓ " "

im ♂ 125

2494 ✓ " "

im ♂ 125

2495 ✓ Limnopardalis retyhynchus

♀ 288

2496 ✓ Tropicalis bellicosus

♂ 220

2497 ✓ " "

♀ 197

2498 ✓ Falco sparverius —

♂ 268

Trialaya (Aequipa) April 13, 1931

- 2499 ✓ *Thaumatococcus* *cora cora* ♂ 147
black \ black
- 2500 ✓ *Rhodopis* *vesper* ♀ 128
black \ black
- 2501 ✓ *Spizitornis* *r. reguloides* T. Sumner ♂ 120
brown \ black, yellow flake below, top black \ black
- 2502 ✓ " " ♀ 125
- 2503 ✓ " " T. Sumner ♂ 121
- 2504 ✓ *Troglodytes* *musculus* ♀ 126
brown \ black, yellow flake below dorsally \ pale brown horn
- ** 2505 ✓ *Geositta* *maritima* ♀ 150
brown \ black, basal half below flake \ black
- 2506 ✓ " " ♂ 147
- 2507 ✓ " " ♂ 149
- ** 2508 ✓ *Muscisaxicola* *m. maculirostris* ♀ 154
brown \ black, basal half below yellow flake \ black
- 2509 ✓ " " ♂ 156
- 2510 ✓ " " ♂ 154
- 2511 ✓ *Dacnis* *plumbea* ♂ 172
brown \ yellow \ yellow
- 2512 ✓ *Conirostrum* *cinereum littorale* ♀ 116
brown \ blackish, basal below \ basal horn
- 2513 ✓ " " ♂ 116

X

2514 ✓ *Spinus capitalis* ♂ 128
brown/black, pale horn at base below black

2515 ✓ " " ♀ 120

2516 ✓ *Pyrquillus alaudina bipartitus* in ♀ 145
brown/black, dusky flesh below flesh

2517 ✓ *Spectyto conicularia* ♀ 248
yellow/greenish yellow, sides dusky/dust color

2518 ✓ " " ♂ 255

Tiafaya (Arquiza) April 14, 1931

2519 ✓ *Pygochelidon cyanoleuca* ♂ ♀ 129
brown/black/black

2520 ✓ " " T.E ♂ 131

2521 ✓ *Muscisaxicola m. maculirostris* ♂ 157
brown/black, basal half below yellow/black

2522 ✓ " " " ♂ 154

2523 ✓ " " " ♂ 157

2524 ✓ " " " ♂ 152

2525 ✓ " " " ♂ 154

2526 ✓ " " " ♂ 149

** ✓
2527 *Geositta conicularia deserticolor* ♀ 160
brown/black, pale horn blue below barely/black

X

[37]

2528 ✓ *Geositta cunicularia deserticolor*

♂ 162

2529 ✓

" " " "

♂ 158

**

2530 ✓ *Sicalis arvensis*

T.E. ♂ 132

brown/blackish horn, pink at base below/brown horn

2531 ✓

" "

♂ 132

2532 ✓

" "

♂ 135

2533 ✓

" "

♂ 132

2534 ✓

Pyrgilus alaudinus ———

im ♂ 150

brown/pale yellow, most dusky, ridge on pale yellow patch

2535 ✓

" "

♀ 155

blackish, pale horn below/pink

2536 ✓

" "

ju ♂ 155

2537 ✓

" "

ju ♂ 150

2538 ✓

Spinus capitalis

♂ 130

brown/black, dusky horn below/black

2539 ✓

" "

♂ 126

2540 ✓

Tropialis bellicosa

♂ 216

brown/blackish horn/pale bluish horn below/pale bluish horn

2541 ✓

Eupelia cruziana

♂ 195

brown/orange/brown/black apically/pink

2542 ✓

Goniostrom cinereum littorale

Laying ♀ 119

brown/black, bluish horn below/blackish horn

X

Tialaya (Arequipa) April 15, 1931

- 2543[✓] *Himnopaedalis retyrhynchus* ♂ 322
Red \ green green, blue at base, red at base below \ dusky brownish salmon
- 2544[✓] *Sicalis arvensis* ♀ 128
brown \ blackish, pink at base below \ brown brown
- 2545[✓] " " ♀ 130
- 2546[✓] " " ♀ 127
- 2547[✓] " " (Partial albino) ♂ 135
- 2548[✓] *Pyrgilus alaudinus* T.E. ♂ 151
brown \ yellow, tip of ridge dusky \ pink.
- 2549[✓] " " imm. ♂ 151
— \ brown brown, tip dusky; yellow pink below \ —
- 2550[✓] " " juv ♂ 152
— \ black, pink below \ —
- 2551[✓] *Pyrocephalus rubinus* ♀ 160
brown \ black \ black
- 2552[✓] *Pheucticus chrysogaster* ♀ 220
brown \ black, yellow pink below \ leaden blue

Birds Observed at Tiabaya, not Taken

Glaucidium 1

Patagona gigas 1

Turdus chiguanas conradi 1

Aymonopelia erythrothorax (common)

Zenaidura macroura (scarce)

Brachyryza capensis (abundant)

July 4



Tialaya (Areguaya) April 16, 1931

- 2553[✓] *Himnopardalis retyrhynchus* ♂ 331
red / green green, blue at base, maxilla red at base / brownish red
- 2554[✓] " " ♀ 320
— \ — \ dusky pink
- 2555[✓] " " ♂ 325
— \ — \ brown horn
- 2556[✓] " " T.E. ♂ 312
— \ — \ dusky red.
- 2557[✓] *Muscisaxicola m. maculirostris* ♂ 160
brown / black, ~~black~~ basal half below yellow / black
- 2558[✓] " " ♂ 159
- 2559[✓] " " ♀ 155
- 2560[✓] " " ♀ 162
- 2561[✓] " " ♀ 152
- 2562[✓] " " ♂ 155
- 2563[✓] " " ♂ 159
- 2564[✓] *Geositta maritima* ♂ 150
brown / black, basal half below bluish pink / black
- 2565[✓] " " ♀ 140
- 2566[✓] *Geositta cunicularia deserticola* ♂ 159
brown / black, basal 1/2 below, bluish horn / black

X

- 2567[✓] *Geositta conicularia deserticolor* ♂ 160
- 2568[✓] " " " ♀ 156
- 2569[✓] " " " ♂ 161
- 2570[✓] " " " ♂ 163
- 2571[✓] " " " ♀ 160
- 2572[✓] " " " (P) 154
- 2573[✓] " " " ♀ 154
- 2574[✓] " " " ♂ 162
- 2575[✓] *Pyrgilus alaudinus* ♂ 156
brown/orange yellow, tip brownish yellow
- 2576[✓] " " " T.E. ♂ 160
brown/orange yellow yellow pink
- 2577[✓] " " " juv ♂ 152
— blackish, pink below pink
- 2578[✓] ~~Sparverius~~ *Falco sparverius* ♂ 273
brown/brown blue basally, black apically yellow orange
(Tlalaya)
- Parcous totals = {

 skins = 724 + 95 = 819

 specimens = 160 + 4 = 164

 new species = 73 + 4 = 77

Pampa de los Arrieros, April 18, 1931.
12000 ft. on R.R. Augueta to Juliana

** 2579 ✓ *Asthernes modesta modesta* ♀ 163
brown | black, pale brown at base of head | black

2580 ✓ " " " ♂ 172

2581 ✓ " " " ♂ 164

2582 ✓ " " " ♂ 171

2583 ✓ " " " ♂ 172

** 2584 ✓ *Muscisaxicola ruficervix occipitalis* ♂ 183
brown | black | black

** 2585 ✓ *Geositta curicularia trobeni* ♂ 165
brown | black, basal 1/2 black | bluish flesh | black

2586 ✓ " " " ♂ 172

2587 ✓ " " " ♂ 168

2588 ✓ " " " ♀ 161

** 2589 ✓ *Upucerthia validirostris pallida* ♂ 206
brown | black | black

2590 ✓ " " " ♀ 205

2591 ✓ " " " ♂ 210

2592 ✓ " " " ♀ 201

- X
- ** ↓ *Pseudochloris*
 2593 ~~*Stegalis*~~ *uropygialis connectens* ♀ 140
 brown/black, leaden below, brownish black
- 2594 ↓ " " " ♂ 147

Pampa de los Hornos, April 19, 1931

- ** 2595 ✓ *Leptasthenura striata* ♂ 168
 brown/black, feet at base below black.
- 2596 ✓ " " ♀ 150
- 2597 ✓ " " ♂ 145
- 2598 ✓ *Muscisaxicola mimasirostris* ♀ 146
 brown/black/black
- 2599 ✓ " " ♀ 152
 black, basal 1/2 below yellow plum.
- 2600 ✓ " " ♂ 162
- 2601 ✓ " " ♀ 157
- 2602 ✓ *Muscisaxicola ruficervix occipitalis* ♂ 175
 same as No 2584 brown/black/black
- 2603 ✓ " " ♂ 178
 similar to 2602, but much & edging to tail region, brown/pale
 red. brown/black/black
- 2604 ✓ *Asthenes m. modesta* ♀ 158
 same as No 2579 brown/black, feet black at base below black
- 2605 ✓ " " ♀ 158
- 2606 ✓ " " (?) 160

X

** Phacellodomus striaticops (White throat) ♀ 41
2607 ✓ ~~Upucerthia~~ brown | black | black 185

2608 ✓ " " ♂ 195

2609 ✓ " " ♂ 195

2610 ✓ " " ♀ 190

2611 ✓ " " ♀ 192

2612 ✓ " " ♂ ♀ 197

2613 ✓ " " ♀ 189

2614 ✓ Upucerthia validirostris pallida. ♂ 206
same as no 2589 brown | black | black

* 2615 ✓ Pyrgilus plebejus T.M.E. ♂ 135
brown | black, dark brown below | black

2616 ✓ " " im ♂ 134

2617 ✓ " " T.E. ♂ 138

2618 ✓ " " ♂ 135

2619 ✓ Pseudochloris ~~Sicalis~~ uropygialis connectens im. ♀ 137
same as no 2593

** 2620 ✓ Pseudochloris (?) ♂ 148
~~Sicalis~~
large gray teeth - brown | black, horn blue below | brown horn

2621 Agriornis montana insolens ♀ 245
straw | black | black

+

2622[✓] *Agelaius montana insolens* ♂ 265

2623[✓] " " (has never laid) ♀ 252

2624[✓] *Metriopelia* ~~*Metriopelia*~~ *aymara* ♂ 190
brown/blackish flesh.

2625[✓] " " ♂ 190

Pampa de Arriero, April 20.

Skinned birds till 9³⁰ last night, & still have
13 left. I will not go shooting today, but skin
birds. Very cold this morning & windy (31°)
& 50° inside room.

2626[✓] *Aythya modesta* ♂ 176
same as nr 2579 brown/black, flesh below barely black

2627[✓] " " " " ♂ 172

2628[✓] *Pyrgilus plebejus* ♂ 136

2629[✓] " " " ♂ 133

2630[✓] " " " T.E. ♂ 136

2631[✓] *Oreotrichilus (melanogaster)* ♀ 131
black/black

2632[✓] *Leptasthenura* imm. (?) 171
same as nr 2595(?) brown/black, flesh at base below black

2633[✓] " " imm ♀ 141
black, base of bill yellowish brown

2634[✓] *Muscisaxicola roticervix occipitalis* ♀ 178
same as nr 2584
brown/black/black

2635[✓] *Geocitta conicularia frobeni* ♂ 171
 same as 2585 brown/black, blunt fluke below (basally) black

** 2636[✓] *Spinus* ♂ 133
 Throat & upper parts black, rump yellow; back feathers
 edged with olive green; lower parts, base of tail & band
 through remiges yellow.
 brown/black/black

2637[✓] *Falco fusco-caerulescens* ♂ 385
 brown/cere, eyelids & bill (basally yellow) tip black/gamboge

2638[✓] " " ♀ 426

2639[✓] *Pseudochloris* (?) ♀ 135
~~*Sicalis*~~
 same as 2620

2640[✓] " " ♀ 144

2641[✓] *Muscisaxicola ruticervix occipitalis* (?) 170
 (red crown)

2642[✓] *heptasthura s. striata* ♀ 167

** 2643[✓] *Oethoeca oenanthoides polionota* (?) ♀ 161
 rufous below, throat gray.
 brown/black/black.

* 2644[✓] *Spinus atratus* ♂ 138
 brown/blackish, yellow below/black.

** 2645[✓] *Pyrgilus atriceps* ♀ 170
~~*gamboge*~~
 brown/black, feet horned tan below/black.

~~2646~~

+

Pampa de los Arceiros, April 21.

2646[✓] *Muscisaxicola ruficervix occipitalis* ♂ 175
(red occiput) brown | black | black

2647[✓] " " " ♀ 172

2648[✓] *Muscisaxicola m. maculirostris* ♂ 150
brown | black, basal 1/2 below flesh | black

** 2649[✓] *Muscisaxicola capistrata* (?) ♂ 190
fringed + median line of crown black
brown | black | black

2650 *Oreotrochilus melanogaster* (?) ♀ 129
black | black

2651[✓] " " ♀ 129

2652[✓] " " ♀ 134

** 2653[✓] *Oreotrochilus* (3) ♀ 125
outer rectrices wholly white; throat with few dark spots,
bill more slender + stouter (less curved)

~~2653~~

2654[✓] *Ochthoeca oenanthoides polionota* ♀ 158
same as no 2643

2655[✓] " " ♂ 160

2656[✓] *Muscisaxicola ruficervix occipitalis* ♀ 165
(red occiput) (?) brown | black | black

** 2657[✓] *Upucerthia ruficauda* ♂ 196
very slender bill, short stoutish with dusky; lower
parts buffy white, tail black, with uniform light
orange chestnut, upper black
brown | black, base below flesh | black

2658 ✓ *Phacellodomus striaticops* ♂ 193
~~*Upucierthia*~~
 (white breast) brown (black, bluish flush locally below) black.

2659 ✓ " " ♂ 192

2660 ✓ *Upucierthia validirostris* ^{pallida} imm ♀ 201
 probably same as 2589
 brown (black) pale brown

2661 ✓ " " ♀ 205
 brown (black) blackish brown.

2662 ✓ *Asthene* ♂ 163
 (concolorous) brown (black, dusky flush at base below) black

* 2663 ✓ *Pyrgila fronticeta* (?) ♂ 189
 brown (brownish flush, ridges darker) clear brown.

2664 ✓ *Pyrgila unicolor* ♀ 155
 brown (black, flush below) blackish brown

2665 ✓ *Spinus* (?) ♀ 135
 same as 2636 brown (black, pale brown below) blackish

2666 ✓ " " ♀ 130

2667 ✓ *Pseudochloris uropygialis connectans* ♀ 144
~~*Stachys*~~
 same as 2593 (brown) blackish, pale brown below brown

2668 ✓ " " ♂ 148

** 2669 ✓ *Bolborkhynchus orbigny* ♂ 192
 may be ~~*aurifrons*~~ (brown) yellow flush (dark brown)

2670 ✓ " " ♀ 185
 — (pale bluish brown, tip pale)

Pampa de Arriero, April 22

✓ 2671 ✓ *Oreotrochilus melanogaster* ♀ 128
black \ black

✓ 2672 ✓ *Muscisaxicola m. maculirostris* ♂ 154
brown \ black, basal 1/2 below yellow \ black

✓ 2673 ✓ *Quesitta* ————— ♂ 171
same as no 2585 brown \ black, basal 1/2 below bluish pink \ black

✓ 2674 ✓ " " ♂ 162

✓ 2675 ✓ *Belborthyx orbigny* ♂ 190
same as no 2608 brown \ brownish pink \ blackish

✓ 2676 ✓ " " ♂ 181

✓ 2677 ✓ " " ♀ 184
— bluish pink basally, yellowish apically \ blackish

Altitude of Pampa de Arriero = 12,371 ft.
Highest altitude reached in collecting = 15,720 ft.

Min. Temp = 30° (71 Km. above Arequipa by Road)

			(Pampa de Arriero)	
Previous totals	{	skins	= 819 + 99	= 918
		species	= 164 + 18	= 182
		new species	= 77 + 15	= 92

Sta. Lucia, Apr. 24/1931

Altitude 13,325 ft. - 238 K.m. from Argenpa.

I went west on towards river, working pampa and hills, & rock outcrops. Birds fairly abundant flushed 3 Tinamou. Brachyryza common here but none seen in Pampa de Cienega. Pyrgulus plebejus very common.

2678[✓] *Asthenes wyatti graminicola* ♀ 180
brown \ black, bluish pink below dark ham

2679[✓] " " " ♂ 192

2680[✓] " " " ♀ 183

2681[✓] " " " ♀ 184

2682[✓] *Asthenes m. modesta* ♂ 162
brown \ black, pale brown below locally \ black

* 2683[✓] *Anthus (near) calcaratus* ♂ 155
brown \ black, flab below \ pale brownish flab

2684[✓] *Lessonia rufa oreas* ♂ 144
brown \ black \ black

2685[✓] *Muscisaxicola m. maculirostris* ♀ 153
brown \ black, flab below locally \ black

2686[✓] *Muscisaxicola rotivertex occipitalis* ♀ 179
brown \ black \ black

2687[✓] " " " ♀ 183

* 2688[✓] *Muscisaxicola alpina grisea* ♂
w = 130 t = 70 l = 16

above dark ashy gray, darker on pulvilli; narrow front & supercilium & ring below eye white; wing coverts & tertials broadly edged with buffy white; remiges all tipped with white; below feet only white, white on belly & crummi; tail & upper coverts black; outer rectrices edged white; inner w. coverts & edging remiges pale buff.

2689 ✓ *Alcedo saxicola* (?) (1) ♂ 188
Above brownish ashy; upper tail coverts & tail black, under
and ³ anterior rectrices white; broad front, extending later-
ally over eye, black; whole plum chestnut rufous,
wings & coverts color of back, all narrowly edged
with grayish white; throat whitish, chest pale grayish
buff, tail below pale cinnamon buff; remiges edged
white on inner and below; under w. coverts
grayish white. W - 124
brown | black | black.

2690 ✓ " " ♀ 170

2691 ✓ " " ♀ 172
This bird is pale above & below, front brownish
black & chestnut faintly shown

* 2692 ✓ *Cinclodes fuscus* (?) ♂ 180
brown | black | black.

2693 ✓ " " ♂ 155
These birds do not agree with description, one
light chocolate brown above.

* 2694 ✓ *Cinclodes*^{a.} *atacamensis* ♀ 223
brown | black | black.

2695 ✓ *Upucerthia validirostris pallida* ♂ 198
brown | black | black

2696 ✓ *Phyrgilus alaudinus* ♂ 159
brown | orange | yellow flesh.

2697 ✓ " " ♀ 157
— | black, bluish flesh below locally | brown flesh

2698 ✓ *Pseudochloris uropygialis concolor* ♂ 145
brown | black, leaden blue below | pale brown

** 2699 ✓ *Phyrgilus punensis* juv ♂ 174
brown | black, pale brown below locally | pale brown

- * 2700 *Thryocorys orbignianus* ♀ 208
brown \ yellowish flesh, tip & ridge black \ yellow
- 2701 *Bolbortynchus orbignyi* ♀ 177
brown \ greenish brown, tip pale yellowish \ blackish
- 2702 " " (♂) 186
— \ yellow flesh \ blackish
- 2703 " " ♀ 190
- 2704 *Metriopelia aymara* ♀ 190
straw \ black \ flesh (white)
- 2705 *Colaptes* T.M.E. ♂ 356
greenish straw \ black \ dull pale brown
- 2706 *Ptiloscelos resplendens* ♂ 334
"Caravan"
- * 2707 *Buteo poecliochrous* ♂ 620
"Eagle Hawk" red \ black, red around nostril & at base below pink flesh
brown \ black \ black apically \ pale yellow

Sta. Lucia, April 25, 1931.

Juan went up outlet to small lake, I hunted over the prairie & slopes near by, looking especially for Flycatchers. Got back at 4:30 & skinned Flicker & Caravan & measured my birds before lunch. Juan got back at

- 2708 *Muscisaxicola* (?) (black front) ♀ 180
= No. 2689. brown \ black \ black
- * 2709 *Muscisaxicola cinerea* ♂ 169
brown \ black \ black
- * 2710 *Upucerthia serrana* ♂ 200
very slender, long tail (30) dark brown above, paler with pale edging, plum with dark under wing coverts. ~~Dark~~ broadly edged & tipped with cinnamon buff, Tail & wing bright chestnut rufous, tail with subterminal black and middle rectrices; wing with subterminal black patch and

x

with 4 outer primary edged & tipped black
throat white, throat buff, bill dusky, cheeks, rest below
ear buff,
brown \ black, fluff below at base \ black.

2711[✓] *Upucerthia* ^{*ruficauda*} ~~*serrana*~~ ♂ 208
= 2710.

2712[✓] " " ♀ 190

2713[✓] *Cinclodes fuscus* ♀ 182
brown \ black \ black

2714[✓] *Muscisaxicola alpina grisea* ♀ 168
= No. 2688 brown \ black \ black

2715[✓] " " ♂ 193

2716[✓] " " imm ♂ 180

2717[✓] *Phyrgilus punensis* ♀ 170
brown \ black, blunt fluff below \ dark brown

2718[✓] *Pseudochloris vropygialis connectens* ♀ 143
brown \ black, blunt fluff below basally \ brown brown

~~2718[✓] *Phyrgilus atrebatensis* ♂ 162~~
brown \ orange \ brownish fluff

2719[✓] *Muscisaxicola rotivertex occipitalis* ♂ 183
brown \ black \ black

2720[✓] " " ♂ 190

2721[✓] *Anthus* (type *calcestratus*) ♂ 165
brown \ black, fluff below basal $\frac{1}{2}$ \ brownish fluff

2722[✓] " " ♂ 160

X

- 2723 ✓ *Muscisaxicola (capistrata) borealis* ^{Car.} min ♂ 182
(black & chestnut crown / brown / black / black)
- 2724 ✓ " " " ♂ 183
- 2725 ✓ *Upucerthia* ♂ 204
same as no 2710 brown / black, flesh below barely / black
- ** 2726 ✓ *Sicalis flaveola valida* ♂ 140
brownish yellow above, rump & lower parts bright yellow
brown / black, under blue below / dark brown
- 2727 ✓ " " ♂ 145
- 2728 ✓ *Phyrgilus alaudinus* ♀ 159
brown / dirty yellow, mainly black / flesh
- 2729 ✓ *Cinclodes fuscus* ♂ 128
brown / black / black.
- 2730 ✓ *Pseudochloris vropygialis connectens* ♀ 139
brown / black, under below / brownish flesh.
- 2731 ✓ *Muscisaxicola rotivertex occipitalis* ♂ 189
brown / black / black
- 2732 ✓ " " " ♀ 185
- 2733 ✓ *Metriopelia aymara* ♂ 188
~~brown~~ / black / white flesh
- 2734 ✓ " " " ♂ 188
— / — / flesh flesh.
- 2735 ✓ *Ibycter megalopterus* ♀ 555
Black Carion Hawk
brown / pale brown blue, cere red orange / orange

11 additional species of which 3 are not taken by me

Sancti Spiritus, April 27.

Went to Lake _____ at K.M. 231 this morning
taking canoe, on hand car with Harmon. shot
first 2 birds near village, all the rest on lake.
Left village at 9¹⁰ AM, reached lake at 11 AM. & got
back at 6 P.M.

2736 ✓ *Scoptes curvicauda junensis* ♂ 276
yellow \ pale bluish horn, tip pale \ blackish

2737 ✓ *Certhia sparverius* ♀ 295
brown \ pale horn blue basally, black apically \ yellow

2738 ✓ *Ochthoeca oenothoides polionota* ♂ 173
brown \ black \ black.

2739 ✓ *Circulodes atacamensis* ♀ 224
brown \ black, pink at base below \ blackish.

2740 ✓ *Colymbus calipareus (junensis)?* ♀ 270
scarlet \ blackish horn, pale below \ leaden drab, under pale

2741 ✓ " " " ♀ 295
(Common) black \ blackish, mottled with dull yellowish

2742 ✓ *Colymbus americanus* ♂ 295

2743 ✓ " " ♂ 280
144

2744 ✓ " " ♂ 300
145

2745 ✓ " " ♀ 280

** 2746 ✓ *Larus* ♂ 470
brown \ dark crimson, tip & sides of max. blackish \
dull reddish

2747 ✓ " " ♀ 454
147

2748 ✓ *Fulica ardesiaca* (chocolate shell) ♂ 472
148 hazel \ pale yellow, tip of max. blackish; shield dark
chocolate \ yellowish drab, joints dusky

T.E.

X

[47]

red — \ —
 2749 ✓ *Fulica ardesiaca* (chocolate shield) ♂ 462
 149 (horn) pale yellow, subapical black band \ blackish horn
 2750 ✓ " " " chick ♀ 215

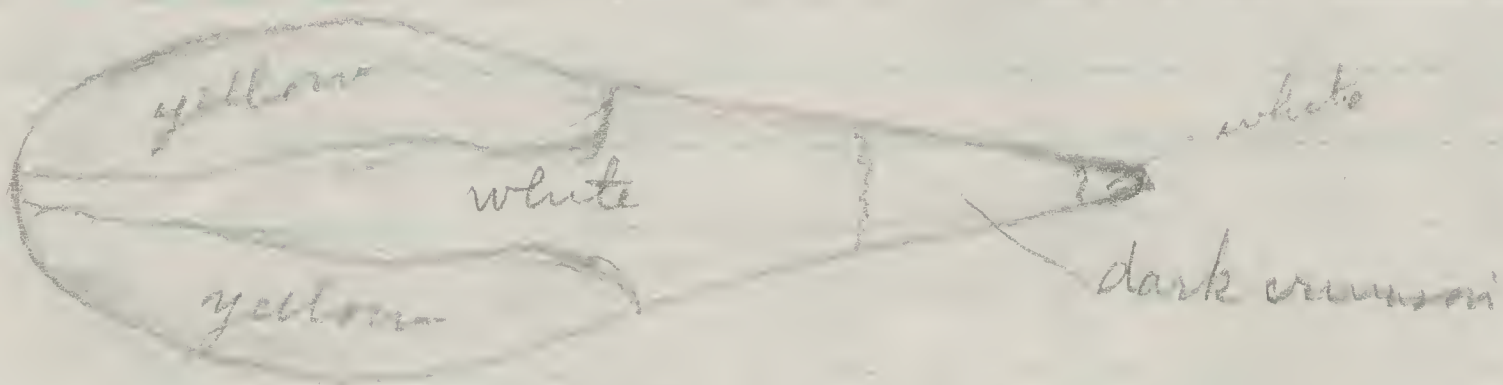
** 2751 ✓ *Fulica gigantea* ♀ 562
 150 horn \ dark crimson, tip white; basal half of max.
 + median line of shield white, sides of shield saffron yellow

2752 ✓ " " ♀ 562
 151 legs & feet dark scarlet.

2753 ✓ " " ♂ 596
 152

2754 ✓ " " ♀ 602
 153

2755 ✓ " " T.E. ♂ 596
 154



X

Sta. Lucia, April 29, 1931

I went over towards the river, working the flats
+ slopes. Got swallows along river. Found washed
up outlet to small lake.

- * 2756 ✓ Petrochelidon ardecola ————— ♂ 141
Probably same as Lake Junco Birds.
brown \ black \ black
- 2757 ✓ " " ♀ 141
- 2758 ✓ " " ♂ 142
- 2759 ✓ " " ♀ 142
- 2760 ✓ " " ♂ 146
- * 2761 ✓ " " ♂ 142
- 2762 ✓ " " ♂ 146
This bird has a brown plumage & no dusky on crown
- 2763 ✓ Anthus (Lep.) calcaratus ♂ 165
brown \ black, pink below \ brownish pink
- 2764 ✓ Muscisaxicola (?) ————— (?) 172
(black post & chin + crown) brown \ black \ black
- 2765 ✓ " " ♂ 176
- 2766 ✓ Sicalis flaveola valida T.M.E. ♂ 145
brown \ black, pale brown below \ black
- 2767 ✓ Phrygilus alaudinus ♂ 165
brown \ orange \ pale yellow pink
- 2768 ✓ " " juv ♂ 164
blackish, dusky pink below & throat \ pink

X

[48]

Geositta tenuirostris

2769 ✓

~~Upucerthia serrana~~

♀ 196

brown \ black; bluish flesh below basally \ black

2770 ✓

"

"

♀ 199

2771 ✓

"

"

♀ 194

2772 ✓

Upucerthia validirostris pallida ♂ 211

brown \ black \ black

2773 ✓

Thryocorys orbignianus ♂ 218

brown \ yellow; base + ridge max. black \ yellow

2774 ✓

"

"

♂ 207

2775 ✓

"

"

♂ 221

2776 ✓

"

"

juv. ♂ 175

brown \ black; patch on side basally dusky yellow \ dusky yellow

2777 ✓

Muscisaxicola mimaculirostris ♂ 154

brown \ black; basal 1/2 below yellow flesh \ black

2778 ✓

"

"

♀ 153

2779 ✓

Muscisaxicola rutivertex occipitalis ♂ 180

brown \ black \ black

2780 ✓

Upucerthia serrana ♂ 192

brown \ black; bluish flesh below basally \ black

2781 ✓

"

"

♂ 200

2782 ✓

Sicalis flaveola valida T.M.E. ♂ 143

brown \ black; pale brown below \ black

**

2783 ✓

Agriornis ♂ 220

earthy brown above; plumage more brown; throat white, with blackish streaks on sides & in middle; feet buffy brown; shot white; old & immature buffy white; tail sooty

X

Brown, outer part of outer surface white under
wing coverts buffy, the large one pale, inner edge
of each with pale brownish line on inner edge
grayish brown (black, dusky, fluted, black, white)

2784 *Phrygilus alaudinus*
brown (orange) brownish flanks

♂ 162

Desaguadero, May 4, 1931

- 2785 ✓ *Nettion oxypterus* ♂ 430
100 brown \ yellow, ridge & edging tip black \ pale drab.
- 2786 ✓ " " ♂ 433
101
- 2787 ✓ *Larus* (same as Sta Lucia) ♀ 432
102 (black head) brown \ dark crimson \ dark dull crimson
- 2788 ✓ " " ♂ 480
103 (white head) — \ blackish crimson, paler below locally —
- 2789 ✓ *Anthus* (type *calcaratus*) ♀ 155
(Same as Sta Lucia) brown \ black, flesh below, tip black
(feet brownish flesh, joints dusky)
- 2790 ✓ " " ♂ 159
- 2791 ✓ " " ♂ 163
- 2792 ✓ " " imm ♂ 160
- 2793 ✓ *Lessoria rufa* ♂ 140
brown \ black \ black.
- 2794 ✓ " " imm ♂ 139
- 2795 ✓ *Geositta concoloria frederici* (?) ♂ 168
brown \ black, bluish flesh below locally \ black
- 2796 ✓ " " ♀ 163
- 2797 ✓ " " ♀ 164
- 2798 ✓ *Muscisaxicola* (?) ♂ 178
(black & chestnut crown) brown \ black \ black.
- 2799 ✓ " " ♀ 182

X

** 2300 ✓ *Charadrius alticola* (?) ♀ 182
(Little Plover) brown \ black \ black.

2301 ✓ " " ♂ 177

2302 ✓ *Thryocorytho orbignianus* ♂ 219
brown \ black, sides of max. & long mand. flesh \ yellow

2303 ✓ " " ♂ 208

2304 ✓ " " ♂ 220

** 2805 ✓ ♀ 275

Cinnamon Throated Plover: — Pelvic grayish brown, with
dusky center; front & broad supercilium buffy ochraceous;
2805 dusky slope above supercilium, & from eye to max. &
behind eye; below eye whitish; auricular. arly; hind
neck & forehead buffy grayish; back & wings broadly
streaked with black & sandy buff; sides of body,
sides of rump & upper tail coverts pale cinnamon;
2805 median line of rump gray; tail slate gray, tipped
with arby white & with black subterminal bar;
breast pale cinnamon buff, with large black spot
on lower center; belly & crissal ochraceous white;
throat cinnamon, chin whitish; axillars & inside
of wing white; no hind toe bill narrow & straight 28mm.
brown \ black \ legs pink, feet black

2806 ✓ " " ♂ 281

2807 ✓ " " ♀ 267

2808 ✓ " " ♀ 279

2809 ✓ " " ♂ 277

2810 ✓ " " ♀ 293

2811 ✓ " " ♂ 272

X

Desaguadero, May 5, 1931

Started at 6¹⁵ & got back at 2³⁰ p.m.
Went down river with boat. Not much seen
except Coots, small Grebes, Andean Teal
& Gulls. 1 Strange duck seen, but could not
get it. Ruddy Duck seen also, 2 times it.

* 2812 ✓ *Phalacropteryx melanops schoenobaenus* ♂ 162
brown/black, dusky flesh at base below/leaden horn

2813 ✓ " " " ♀ 165

** 2814 ✓ *Centropeta micropteron* ♀ 402
(Ruddy cormorant) brown/yellow, orange black/blackish on
outside, greenish yellow inside, webs yellow
104 " " along blackish below

2815 ✓ " " " ♀ 380
105

2816 ✓ " " " ♀ 358
106

2817 ✓ " " " ♂ 390
107

2818 ✓ " " " ♂ 397
108

2819 ✓ " " " ♂ 420

2821 Pelican black, with whitish cross bar; throat buffy
white, also sides of head, latter & under of neck, speckled
with black; back grayish brown, with short black
cross bars & obscure cross markings; wings grayish
with many cross bars of black & buffy white;
primaries with white bars on outer webs; secondaries
& tertials with buffy bars; chest ashy, brown throat
buff, with black cross bar red below buffy ochraceous
unmarked

Draguadero, May 6, 1931

Juan stayed in to skin the 6 Grebes left from yesterday, I went up into hills back of town crossed over & came back around the foot of hills to river. Collected up to about 1500 ft higher than lake.

- ** 2820 ✓ *Nothopreeta* ♂ 260
Small tinamou brown \ black, dusky flesh below \ flesh.
- ** 2821 ✓ *Nothopreeta bronickii* (Big Tinamou) ♂ 345
(see descr. opposite page) brown \ black, ~~dusky~~ flesh below \ dusky flesh.
- ** 2822 ✓ *Heptastherura oegithaloides* *griseescens* ♀ 172
brown \ black \ black
- 2823 ✓ " " " (im?) ♂ 165
- ** 2824 ✓ *Asthenes punensis* (?) ♂ 184
brown \ blackish, pale brown below basally \ black
- 2825 ✓ " " " ♂ 192
- 2826 ✓ *Upucerthia validirostra* *pallida* ♂ 204
brown \ black \ black
- 2827 ✓ " " " ♂ 212
- 2828 ✓ *Muscisaxicola cinerea* ♂ 180
brown \ black \ black.
- 2829 ✓ *Gallinago andina* ♀ 235
brown \ dull drab basally, black apically \ pal. greenish drab
- ** 2830 ✓ *Gymnopolia erythrorhox* ♂ 194
pale blue \ black \ flesh \ skin around eye red orange
- 2831 ✓ " " " ♀ 187
- 2832 ✓ " " " about to lay ♀ 190

Leptasthenura, (No. 2722) Plumage streaked with dull cinnamon,
pale sandy buff & black; back pale sandy brown,
faintly streaked on interscapular with buff, & with
white on scapular; lores & supercilium buffy white;
sides of head & neck varied with buffy white & pale grayish
brown; Wings coverts heavily edged with cinnamon ochraceous,
also tertials; quills black, with cinnamon rufous band
across basal portion; tips narrowly tipped white; 2 median
rectrices sooty black above, edged on both ends with pale
ash brown; rest of rectrices below, black, broadly tipped
(exposed part) with dusky buff, pale buff on outer web,
& vane black; throat white, rest below buffy ochraceous
streaked with white on head.

* 2833[✓] Metriopelia melanoptera ♀ 216

White shoulder down.

blunk white \ black \ black.

2834[✓] Phrygilus alaudinus ♂ 167

brown \ dusky yellow, ridge black \ brownish black

2835[✓] " " ♂ 168

— \ yellow, base of ridge black \ —

2836[✓] Sicalis flaveola valida ♀ 145

brown \ dusky brown, ridge blackish \ dusky brown

2837[✓] " " " ♂ 144

Draquadero, May 7, 1931.

Juan went down along river. I wanted to shoot on Bolivian side of river, but police chased me back. Then I went down river on this side a short distance & then over to foot of hills & back to Pucallpa.
Saw Burrowing Owl.

**

2838 ✓

♂ 141

under wing patch

Flycatcher: - Whole of plumage, neck & upper parts (except upper tail coverts black) dusky brownish ashy; wings blackish, median & greater coverts broadly edged with dull chestnut; tertiaries edged with pale cinnamon; tail black, outer web with outer web white; chest & underparts buffy, rest of lower parts white.
brown \ black, yellow flesh below, tip black \ black.

2839 ✓

Asthenes m. modesta.

♂ 165

brown \ black, head below basally \ black

2840 ✓

Muscisaxicola m. maculirostris

♂ 156

brown \ black, basal $\frac{1}{2}$ below yellow flesh \ black

2841 ✓

Anthus (lute) calcaratus

♂ 162

brown \ black, basal $\frac{1}{2}$ below flesh \ brownish flesh, joints blackish.

**

2842 ✓

♀ 195

Sandpiper; - Plumage & upper parts with feathers centrally black, edges & tips with pale grayish buff & buff; upper tail coverts black, outer web white; tail black on inner web & grayish on outer, ~~black~~ (central pair of rectrices) rest of tail pale gray; sides of head grayish buff, fringed with dusky; chest grayish buff, speckled with dusky; rest below white.

brown \ black \ black

2843 ✓

"

"

♀ 185

~~2843a~~~~♂ 153~~

Plumbeus m. m. 2843a)

brown \ black \ black

~~28436~~ *Muscisaxicola roticervix occipitatus* ♂ 176
~~brown black black~~

2844 ✓ *Agriornis m. insolens* ♀ 254
 brown black black

2845 ✓ " " " ♀ 255

** 2846 ✓ *Agelaius thilius* ♂ 195
 black, with shoulder & under wing coverts
 yellow. ♀ black above, streaked with brown,
 below grayish, streaked with black; supercilium
 whitish; black streak through eye & under eye
 pale grayish.
 brown black black

2847 ✓ " " " ♂ 184

2848 ✓ " " " ♀ 179

2849 ✓ " " " juv. ♂ 185

2850 ✓ " " " ♀ 177

2851 ✓ " " " juv. ♂ 189

2852 ✓ *Colaptes pumila* ♀ 337
 yellow black pale bluish brown.

2853 ✓ *Anthus (yph.) calcaratus* ♀ 161
 brown black, flesh below brownish flesh, joint blackish

2854 ✓ " " " ♂ 161

2855 ✓ *Gymnopelia erythrothorax* ♂ 196
 pale blue black flesh skin around eye red orange

2856 ✓ " " " ♀ 190

X

- 2857 ✓ *Spectyto conicularia* ♂ 275
yellow / pale greenish brown, sides dusky / dirt color
- 2858 ✓ *Cerchneis sparverius* ♀ 288
brown / pale bluish brown, tip blackish / orange
- 2859 ✓ *Muscisaxicola m. maculirostris* ♂ 148
brown / black, basal half below yellow / black
- 2860 ✓ _____ ♂ 183
Plumage - same as No. 2800
- 2861 ✓ *Muscisaxicola ruficervis occipitalis* ♂ 186

Desaguadero, May 8

We went out in boat ~~from~~ out into Lake
along reed beds to north, hunting small birds.
Nothing in the reeds but the 2 species of
Grebes, Coots, a pair "Fulcras", Night Herons
& Grebes - no ducks. Got back at 10:30.

- 2862 ✓ *Tachuris rubrigastra* ^{grandis} ~~alticola~~ ♂ 123
Red Flycatcher) brown / black / black
- 2863 ✓ " " " ♂ 129
- 2864 ✓ " " " ♂ 128
- 2865 ✓ " " " ♂ 128
- 2866 ✓ " " " ♀ 126
- 2867 ✓ " " " ♀ 124

~~2868~~

2868 ✓ *Phloeocryptes melanops schoenobaenus* ♀ 150
brown \ black, plum at ear behind leaden

2869 ✓ " " " ♂ 162

2870 ✓ " " " ♂ 159

2871 ✓ " " " ♂ 163

2872 ✓ *Agelaius thilius* ♂ 198
brown \ black \ black

2873 ✓ " " ♀ 194

2874 ✓ " " ♀ 180

2875 ✓ *Callinago andina* ♀ 248
brown \ pale brownish tan, tip black \ pale yellowish
clay color

2876 ✓ *Plegadis ridgwayi* ♀ 475
109 red \ dull purplish brown, darker apically, black

2877 ✓ *Eristomatura ferruginea* im ♂ 415
110 brown \ blackish \ blackish.

2878 ✓ *Cinclodes fuscus albiventris* ♀ 185
small sp. brown \ black \ black

2879 ✓ *Phrygilus punensis* ♂ 185
hazel \ black, bluish black below.

2880 ✓ " " ♂ 180

2881 ✓ *Agriornis m. insolens* ♂ 255
brown \ black \ black

2882 ✓ *Agelaius thilius* ♂ 206
brown \ black \ black

X

2883 ✓ *Bolbophanes orbigineus* ♂ 192
brown old ivory / dirty brown

2884 ✓ " " ♀ 175
—— \ pale bluish brown, yellowish flesh below ———

2885 ✓ " " ♀ 184

Deraguadero, May 9, 1931.

guano mounds around hills to west & got very little.
I went around foot of hills along lake shore, then
up over top & down little creek to lake & back
along caratera.

2886 ✓ *Heptasthenura* ——— (imm!) ♀ 166
same as No 2822 brown / black / black.

2887 ✓ " " ♀ 165

2888 ✓ *Heptasthenura* ^{imm. bird} *aegithaloides griseus* ♂ 169

Same as No (2822), but has pileum heavily streaked
with black & rufous, nape streaked white, & back
uniform grayish brown, whole throat & chest is heavily
streaked with white, each feather with dusky border
brown / black / black

2889 ✓ *Octothoea oenanthoides polionota* ♂ 158
brown / black / black

2890 ✓ " " " ♀ 157

2891 ✓ *Troglodytes musculus puna* ♂ 135
brown / black, basal; below flesh / blackish brown

2892 ✓ *Muscisaxicola m. maculirostris* ♀ 156

This bird is almost pure white below, differing
decidedly from others in this respect.

brown / black, yellow around edges young only / black

**

2893 ✓ *Spinus* _____ (not on Peruvian list) ♂ 133

Pileum & upper parts dull greenish yellow, each feather
 mesially blackish; nape yellow, with black shaft
 streaks; upper tail covert black, broadly edged with
 pale greenish yellow; tail basally yellow, apically black,
 with yellow extending nearly to tip on outer web of
 outer rectrices; wing black; median & greater coverts
 tipped buff; all wing feathers tipped with white & tertials
 broadly edged white on apical portion; primary & secondary
 narrowly edged green on apical portion; a broad yellow
 band across base of girth, throat & chest greenish yellow,
 rest below yellow, crissum with narial black streak
 brown blackish, dusky black below basally black

2894 ✓ " " ♀ 126

2895 ✓ " " ♂ 130

2896 ✓ " " ♀ 133

2897 ✓ *Sicalis flaveola* ♂ 150

brown blackish brown, pale below blackish

2898 ✓ *Pseudochloris vropygialis connectens* ♂ 135

brown black, brown blue below basally pale brown

** 2899 ✓ *Stenopsis* _____ ♀ 250

Pileum black, mesially, with some buff spots, laterally
 heavily flecked with grayish white; nape cinnamon;
 back & wing blackish, thickly spotted with small circles
 of cinnamon buff; & flanks of grayish white; scapular
 more black; upper tail covert & tail blackish, with
 large patches of frosty gray flesh; wing covert with
 brown black, thickly spotted with cinnamon buff;
 band of cinnamon buff across apical portion of 4 outer
 primary, paler on inner web; upper throat black,
 barred with buffy ochraceous; large gular patch of
 buffy ochraceous, throat & sides barred with black &
 white & buff; flanks & crissum buffy ochraceous
 tail below black, with a broad band on inner web
 of buff & with large terminal white patch
 on inner web on outer rectrices, & inner patch on
 inner web of buff, flecked with buff

X

- 2900 ✓ *Cinclodes fuscus* ♀ 181
Small size brown | black | black
- 2901 ✓ *Geositta cunicularia freboni* ♂ 158
brown | black, laral $\frac{1}{2}$ below bluish black | black
- 2902 ✓ " " ♂ 170
- 2903 ✓ " " ♀ 167
- 2904 ✓ *Phyrgilus punensis* (tail short) ♂ 153
red brown | black, bluish brown below | dusky brown
- 2905 ✓ " " juv ♀ 168
- 2906 ✓ *Agelaius thilius* ♂ 197
brown | black | black
- 2907 ✓ " " (no tail) ♂ 169
- 2908 ✓ " " ♂ 193
- 2909 ✓ " " ♂ 200
- 2910 ✓ " " ♂ 193
- 2911 ✓ *Gymnospelia erythrorhox* ♀ 192
pale blue, skin red orange | black | flesh

Desaguadero, May 10, 1931

juv. & 3 with both nests around slopes of hills
fronting lake, as far as creek & back along foot
of hills.

2912 ✓ *Nothoprocta branickii* ♂ 335
brown/black, flesh below dusky flesh

2913 ✓ " " ♀ 315

2914 ✓ *Turdus chiguano conradi* im. ♀ 276
brown/blackish laterally, yellowish apically, dusky yellow

2915 ✓ " " " im. ♀ 277

2916 ✓ " " " juv. ♂ 265

2917 ✓ *Agriornis* (?) ——— ♀ 263
(same as No 2783)
brown/black, pale brown below/black

~~2918~~ ~~*Phrygilus punensis*~~ ~~♂ 263~~
~~brown/black, yellowish flesh below laterally, dusky~~

2918 ✓ *Upucerthia validirostris pallida* ♀ 212
brown/black/black

2919 ✓ *Phrygilus frontatus* ♂ 185
brown/dusky yellow/clear brown from (cartilage)

2920 ✓ *Asthenes punensis* ♂ 192
brown/black, flesh below laterally/black

2921 ✓ *Leptasthenura aegithaloides grisescens* ♂ 169
(No 2822) brown/black/black

2922 ✓ " " " ♀ 160

2923 ✓ " " " ♀ 158

2924 ✓ " " " ♂ 170

X

2925 ✓ *Troglodytes musculus puma* ♀ 136
brown \ black, brown blue below, fluff of hair \ dusky brown

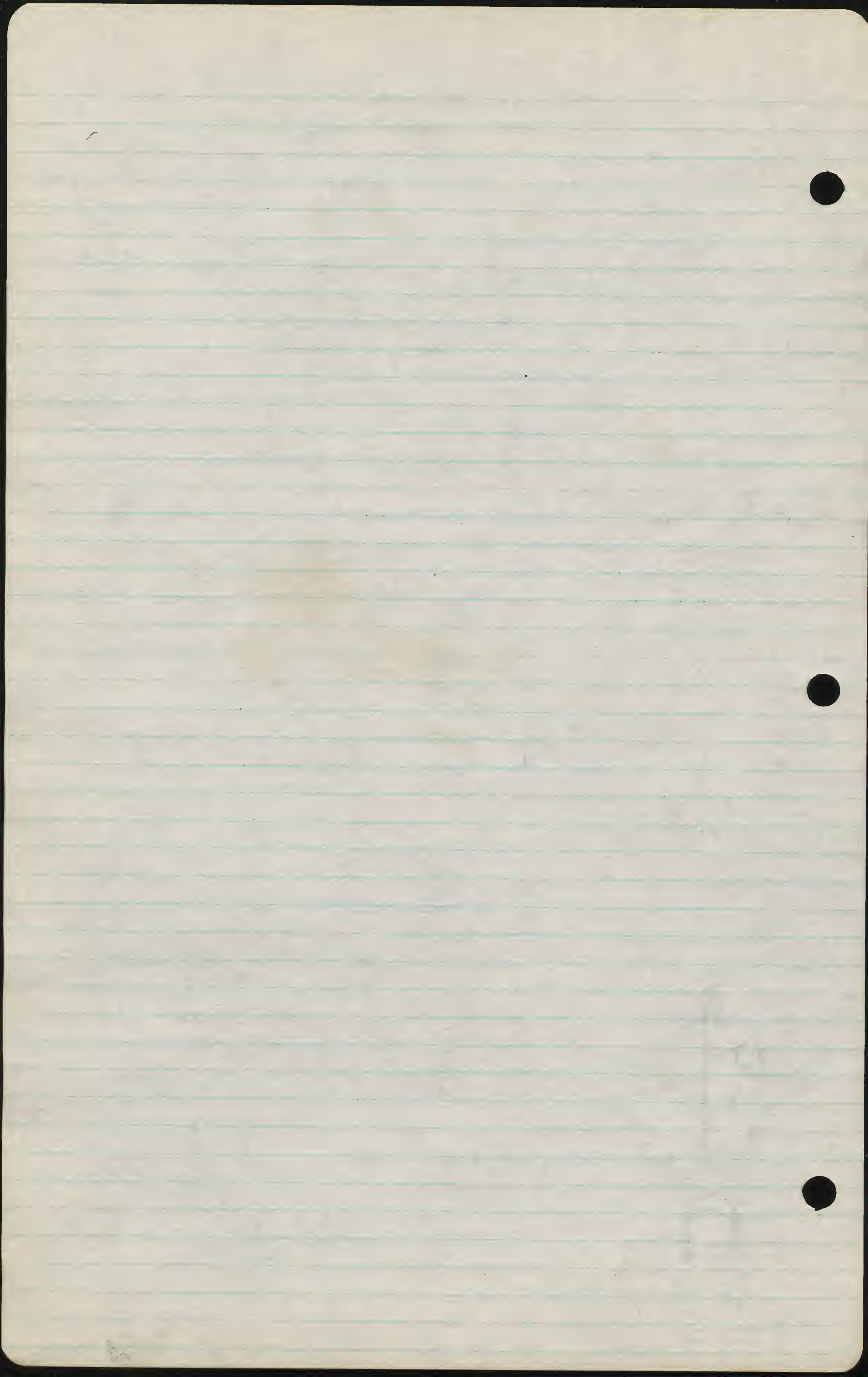
2926 ✓ " " " ♂ 141

2927 ✓ *Spinus stratus* ♂ 132
brown \ blackish apically, pale brown basally | black

2928 ✓ " " ♂ 133

Eggs. Peru - 1931

- $\frac{1 \text{ P.}}{12}$ *Brachospiza capensis* — La Punta de Boulton
April 7. Nest in crevice under bank of
River. fresh ♀ flushed.
- $\frac{2 \text{ P.}}{1}$ Large Grebe — Desaguadero, May 8. fresh.
Nest out in lake in clump of fallen reeds.
one egg only, laid on flattened out reeds.
- $\frac{3 \text{ P.}}{2}$ *Metriopelia ayomara*, Desaguadero, May 9. fresh.
bird flushed. Nest of dried grass, shallow, on
ground up in hill, between a rock & tuft of
grass. a few feathers in lining.
- $\frac{4 \text{ P.}}{2}$ *Phyrgilus plebejus*, Desaguadero, May 9.
fresh. bird flushed. Nest Preserved.



Asillo, May 14
On road between ~~San~~ Turapata & Asillo.

2929 Theristicus melanopsis.
143 Ibis

(?) 660

2930 ✓
146

"

"

(?) 655

2931 ✓ Agriornis montana
brown \ black \ black

♂ 265

Anicoma (15,500 ft) May 16.

2932 ✓ Muscisaxicola flavinucha
~~albifrons~~
brown \ black \ black

♂ 225

2933 ✓ " albifrons

♀ 215

* 2934 ✓ Chalcostigma olivaceum (?)
Hummer black \ black

♂ 151

Dark grayish green above, tail dull bronzy green; below
~~2935~~ dark gray, slightly marked with green; middle of
throat glittering green, ending below in point of glittering
copper; sides of throat patch blackish.

** 2935 ✓ Asthores. _____ (can't identify)

♂ 168

Sandy brown above, front with fine dusky streaks +
interscapular slightly streaked darker; gula spot chestnut,
throat + sides of head whitish, blackly streaked with short
streaks of blackish, rest below buffy white; white
supercilium; inner wing coverts cinnamon + band across
base of primaries; tail grayish below, with dull cinnamon
along vane.
brown \ black \ black

2936 ✓ Phrygilus plebejus

♀ 133

brown \ black, bluish black below \ black

2937 ✓ Cinclodes fuscus (small.)
brown \ black \ black

♂ 182

X

- 2938 ✓ *Muscisaxicola cinerea* ♂ 178
brown \ black \ black
- 2939 ✓ " *alpina grisea* ♂ 200
brown \ black \ black
- 2940 ✓ *Phyrgilus unicolor* ♀ 156
brown \ blackish \ dark brown
- 2941 ✓ " " ♀(?) 157
- * 2942 ✓ *Dioeca speculifera* ♂ 196
(whitethroated) hazel \ black \ black
- 2943 ✓ " " ♂ 188
- 2944 ✓ *Muscisaxicola albifrons* ♂ 230
brown \ black \ black
- 2945 ✓ " " ♂ 235
- 2946 ✓ " " ♀ 230
- 2947 ✓ " " ♂ 237

Huancarani, May 17.

Both species hunted from 13000 ft up to more or less 14500 ft.

- ** 2948 ✓ *Oreotrochilus estellae* ♂ 140
Hummer: Grayish brown above, marked with
brassy greenish; central rectrices dark green, all rest except
outer pair white, outer pair white basally, blackish apically.
Throat glabrous green, bordered below by indigo blue
collar; rest below white, with chestnut stripe down
center of breast & abd.; sides & crown rusty gray.
black \ black.

X

[58]

2949 ✓ Oreotrochilus estellae

♂ 142

Humerus same as No 2948.

2950 ✓

"

"

♂ 137

2951 ✓

"

"

♂ 136

2952 ✓

"

"

♂ 137

2953 ✓

"

"

♂ 135

2954 ✓

"

"

♂ 141

2955 ✓

"

"

♂ 140

2956 ✓

"

"

♂ 140

2957 ✓

"

"

♀ 135

♀ same as ♂ above, below throat whitish with central dusky dots to feathers; rest below buffy brown, crosswise sooty gray; rectrices (except middle pair green) whitish at base & tip, medially blackish black | black.

2958 ✓ Chalcostigma olivaceum

♂ 150

Humerus = No 2934 black | black

2959 ✓

"

"

♀ 142

♀ same as ♂ except no bright color on throat, feathers of upper throat edged with grayish white

2960 ✓ Colibri iolatus

♂ 153

black | black

**

2961 ✓ Asthenes

(can't identify)

♂ 175

front chestnut, fulvous & rest of upper parts heavily streaked with black & buffy; lower parts buffy ochraceous, sides & flanks streaked with dusky; tail pale brownish, with black vane & 2 longitudinal black

stroke on inner neck & one black stroke on outer neck.
brown | black, black | black below | olive

2962 ✓ *Asthenes* ♂ 170
same as 2935 brown | black | blackish

2963 ✓ " " ♂ 170

** 2964 ✓ *Cinclodes nigrofumosus* (?) ♂ 232
brown | black | black
Above dark smoky brown, wings black, crown edged
with buffy brown, & with dark buff band across
fore & nape; hind neck & vertical edge of throat
buffy ochraceous supercilium; throat buffy white, feathers
edged with dark olive; rest below dark brown, throat
& crown with buff spots.

** 2965 *Xenospingus concolor* (?) ♂ (?) 188
~~gray~~ | black, job brown below; blackish brown
dark slate gray above; wings black, edged
with slate gray; below entirely ashy bluish
ashy gray, throat pale & crown darker
& paler ashy gray below.

2966 ✓ " " ♀ 187

2967 ✓ *Muscisaxicola alpina grisea* ♂ 197
brown | black | black

2968 ✓ " " ♀ 192

2969 ✓ " " ♂ 195

2970 ✓ *Diuca speculifera* ♂ 194
(white throat) hazel | black | black

2971 ✓ " " ♀ 190

Huancaram, May 18
 Shot on road down to Lumbani, first 4 or 5 miles down.

- 2972 ✓ Diuca speculifera ♂ 189
 (white throat) hazel | black | black.
- 2973 ✓ Xenospingus concolor (?) ♀ 191
 = No. 2965 hazel | black, brown blue below | pale brown
- 2974 ✓ " " ♂ 189
- 2975 ✓ " " ♂ 188
- 2976 ✓ Muscisaxicola alpina grisea ♂ 190
 brown | black | black
- 2977 ✓ Asthenes ♂ 167
 = No. 2962 brown | black, bluish flesh below (basally) | dark olive
- 2978 ✓ Muscisaxicola m. maculirostris ♂ 156
 brown | black, yellow below (basally) | black

Lumbani, May 18
 Shot on road above Lumbani for 4 to 5 miles, mostly within 3 miles

- ** 2979 ✓ Chalcostigma stanleyi versigularis ♂ 126
 black | black
- 2980 ✓ " " ♀ 127
- 2981 ✓ " " ♂ 125
- ** 2982 ✓ Pterophanes cyanopterus ♂ 184
 Hummer, entirely shining dark grass green, with bright blue wings.
 black | flesh.

- * 2973 ✓ *Spizitornis flavirostris* ♀ 114
 dark olive green above, throat streaked black & white, rest below yellow, chest & sides heavily streaked with black.
- ** 2974 ✓ *Coereba chloropyga* (?) ♂ 124
 above brown, black, black
 ash gray above, fulvous slate; white supercilium; throat & breast brownish ash, also sides, belly buffy white; crumen clear buff.
- ** 2975 ✓ *Scytalopus acutirostris* (?) ♂ 119
 brown, black, blackish
 white head & body, slate gray; flanks buff & crumen cinnamon, barred black; tertials & minor secondaries brown apically.
- ** 2976 ✓ *Idiopiza i. inornata* T.E. ♂ 138
 brown, black, clear carmine.
 brown, clear pale brown, blackish
- 2987 ✓ " " " ♂ 138
 — \ — \ pale brown
- 2988 ✓ " " " ♀ 143
 — \ brown, pink below, dark brown
- 2989 ✓ " " " ♀ 137
 — \ brown, side black, pink below, brownish pink

Huancarani, May 17.

- 2990 ✓ *Theristicus melanopsis* ♀ 660
 2 brs. = 2 red, black, dark carmine below apically, feet pink.

X

[60]

Limbani, May 19.

Juan went up river from village & I worked part of slope then down valley for a mile or so.

2991 ✓ *Spizitermis flavirostris* ♀ 116
= No. 2923 brown | black | black

2992 ✓ " " ♀ 113

2993 ✓ " " ♀ 112

2994 ✓ " " ♂ 114

** 2995 ✓ *Meococerculus leucophrys* ♂ 145

Dark grayish blue above, fulvous darker; wings & tail black, double wing bar of buffy white, tertials heavily edged same; primary edged buffy greenish; supercilium & throat white, red below yellow, chest greenish yellow brown | black. | black

2996 ✓ *Scytalopus acutirostris* (?) ♂ 123
= 2985. brown | black | clear pale brown, darker along back.

2997 ✓ *Coereba chloropyga* ♀ 117
= 2984 brown | black | blackish

2998 ✓ *Pterophanes cyanopterus* min. ♂ 181
Hummer! Entirely green, but remiges purplish sooty & median & greater coverts above & below indigo blue. bill with sharp edge above & below & black | dusky flesh. slightly upturned

** 2999 ✓ *Ochthoeca r. rufipectoralis* ♀ 136
white supercilium, clear buff throat & chest; red below white outer nostrils with outer much white; upper parts & wings plain sooty brown | black | black.

3000 ✓ " " ♂ 137

** 3001 ✓ *Elaenia flavogaster* ♂ —
brown | black | dusky flesh at base below | black

X

3002 ✓ *Patagona gigas* ~~giganto~~ ♂ 211
black | black.

3003 ✓ *Idispiza i. inornata* juv ♂ 145
brown | black, yellow (dusky) below | dark brown

** 3004 ✓ *Grallaria punensis* ♀ 170
fulvous blackish, streaked with ochraceous & buff
below buff; white around eye; upper parts dark
olive brown; below heavily streaked with black
& white, buff wash on throat & middle of chest
brown | black, dark brown below | dusky

** 3005 ✓ *Spinus p. peruanus* ♂ 117
Whole head & throat black, back greenish yellow,
with black center to feathers, rump & upper tail
coverts yellow; wings & tail black; lower & median
coverts black, edge olive yellow, greater black, broadly
 tipped yellow; broad yellow band across base
 of quills; below bright saffron yellow
♀ brown | black, pale brown below | black.

3006 ✓ " " ♀ 115
♀ no black on head, dull yellow below; upper
parts dusky greenish yellow, indistinctly streaked
with dusky, rump dull yellowish

3007 ✓ *Diglossa brunneiventris* juv ♂ 140
dark brown above, streaked with black;
wings & tail black, double bar on inner wing
below dusky cinnamon, chest streaked black
brown | black, fluff below totally | dark brown

3008 ✓ " " imm (?) 135

3009 ✓ *Diglossa brunneiventris* ♂ 143
brown | black, dusky below barely | blackish

3010 V " " ♂ 142

3011 ✓ *Saltator* ♂ 232
= *Anguimacra* bird
brown | red orange | blackish brown

X

61

 ♂ 178

 3012 ✓ Cincolodes fuscus (small)
 brown | black | black

 3013 ✓ Phyrgilus punensis ♂ 179
 hazel | black, bluish pink below | dark brown

 * 3014 ✓ Cinclus leucocotus ♀ 160
 brown | black | leaden blue, black behind.

 ** 3015 ✓ Poecilothraupis lanulata — ♂ 181
 brown | black | black.

3016 ✓ " " ♀ 185

 3017 ✓ Turdus chiquanco conradi ♂ 285
 brown | yellow | yellow

 3018 ✓ " " ♀ 270
 brown | yellow, blackish laterally | dull yellow

 3019 ✓ Merganetta leucogenys ♂ 440
 brown | vermillion, ridge black | dusky salmon

Limabani, May 20, 1931.

man went down below & got only 5 birds nothing
 good except some Metallura.

I went up valley & got 20, back at 11¹⁵.

 3020 ✓ Spizitornis flavirostris T.E. ♂ 121
 (=2983) straw | black | black

3021 ✓ " " ♀ 115

 3022 ✓ Metallura smaragdineicollis ♂ 95

Green above; glittering green throat spot ending in
 point below; chest buffy, with golden bronze lines;
 head & old. whitish, with sooty greenish spots
 crimson buff, with bluish greenish purple center
 to feathers, (mostly concealed) tail violet purple
 black | black

✓
3023 *Chalcostigma stanleyi versigularis* ♀ 117
Hummer = 2979 black \ black

✓
3024 *Colibri iolatus* ♀ 135
black \ black

✓
3025 *Pterophanes cyanopterus* (blue wings) ♂ 184
Hummer No. 2982 black \ black

✓
3026 " " " ♂ 188

✓
3027 " " " ♀ 180

♀ black \ dusky fluff.
Dark shining green above, fulvous dark brownish
below cinnamon, sides of breast shining green
inner wing coverts bluish green, outer coverts bluish;
quills sooty; tail blackish below, outer webs
of outer rectrices with apical 1/3 grayish white, edges
with black.

✓
3028 *Orchthoeca rufipectoralis* (?) ♂ —
No 2999 brown \ black \ black

✓
3029 *Troglodytes musculus* pure ♀ 130
brown \ black, flesh below \ pale brown

✓
3030 *Orchthoeca oenanthoides pelionota* (?) ♂ 165
= No. brown \ black \ black

✓
3031 *Coccyba chlorophylla* (?) ♂ 119
= No. 2984 brown \ black \ black

✓
3032 " " " ♂ 121

✓
3033 " " " ♂ 126

✓
3034 " " " imm. ♂ 123

✓
3035 *Spinus p. perranus* ♀ 125
= No 3005 brown \ black, pale brown at base below \ black
Adult female like ♂ except no black on head,
fulvous like back or throat dusky greenish yellow

X

[62]

3036 ✓ *Idiospiza i. inornata*

♀ 143

= no 2986 brown | brownish flush | dark brown throat.

3037 ✓ *Cinclus leucorhynchus*

♀ 165

brown | black | leaden blue, black on sides.

3038 ✓ *Grallaria punensis*

♀ 172

= no 3004 brown | black, brown below, especially blackish
| leaden blue.

3039 ✓

"

"

♂ 165

3040 ✓ *Phyrgilus punensis*

♂ 128

hazel | black, bluish flush below | dark brown

3041 ✓

"

"

♀ 175

3042 ✓ *Phyrgilus unicolor*

♀ 155

brown | black, pale below | dark brown

3043 ✓ *Heliochera rubricristata*

♂ 231

red | bluish flush basally, black apically | black.

Limbani, May 21.I went out alone, up the valley. Juan labelling
& wrapping birds. Back at 11¹⁵. out at 7¹⁵.3044 ✓ *Coereba*

♂ 124

(2984) brown | black | black

3045 ✓

"

"

(P) 126

3046 ✓ *Diglossa brunneiventris*

♀ 141

brown | black, leaden blue below | dark brown

3047 ✓

"

"

— \ —, flush below basally \ — — ju ♂ 140

3048 ✓ *Pterophanes cyanoptera*

♂ 181

(Hummer-blue wings) black | flush

3049 ✓

"

"

♀ 175

*

3050 ✓

♀ 142

Swallow, probably same as Chayillo:
 Dark steel blue above; wings & tail sooty; below
 sooty gray; crissum sooty black, feathers tipped with
 steel blue. tail deeply forked.
 brown | black | dusky flesh.

3051 ✓

"

"

♀ 147

3052 ✓

Troglodytes musculus puna

♀ 128

brown | black, flesh below basally | dusky brown

**

3053 ✓

Ochthoeca fumicolor berlepschi

♂ 171

Pale on head and neck, dark brown, back rufous,
 wings & tail black; double wing bar of chestnut.
 supercilium buffy white; throat & face with grayish
 cinnamon, rest below bright cinnamon rufous
 crissum buff.

brown | black | black.

3054 ✓

Asthenes punensis

♂ 190

brown | black, dusky flesh below, top black | dusky brown

3055 ✓

Saltator aurantirostris

♂ 230

brown | orange | dark brown

3056 ✓

Spinus pinus

(= 3005)

brown | black, dark brown below | black

♂ 116

3057 ✓

"

"

♂ 119

3058 ✓

Grallaria punensis

♀ 172

brown | black, dusky flesh at base below | leaden

3059 ✓

"

"

♂ 168

— | black, dark brown below | —

3060 ✓

"

"

♀ 170

3061 ✓

Phyrqilus unicolor

♂ 156

brown | black | blackish brown

3062 ✓

Turdus gigas gigantoides

♀ 330

brown | orange | yellow

Lumbani, May 22, 1931.

3063[✓] *Ochthoeca rufipectoralis*
brown \ black \ black.

♀ 139

3064[✓] " "

♂ 142

Oconogee, May 22.

all these birds but last three were shot on
the sand between Aquilain & the bridge above
Oconogee (between 2100 & 2200 meters) in front.

* 3065[✓] *Basileuterus signatus*

♂ 161

common sp. of *Basileuterus* (?) brown \ black \ dusky yellow3066[✓] " "

♀ 155

3067[✓] *Ochthoeca thoracica*
brown \ black \ black.

♀ 140

3068[✓] *Pygochelidon cyanoleuca*
brown \ black \ dusky brown

(P) 129

**

3069[✓] *Knipolegus aterrimus anthracina*

♀ 168

Flap on back dark grayish brown above; wings blackish,
with double buffy white cross bands & slight edging
apically on secondary & white on inner tertials;
rump & upper tail coverts & basal $\frac{1}{2}$ of tail (except
middle pair of rectrices) chestnut rufous, tip
of outer web of rectrices (except outer pair) black,
body below buffy ochraceous; crissum cinnamon
brown \ black; pal brown at base below black

**

3070[✓] *Atlapetes melanolæmus*

♂ 179

Pileum & nape chestnut rufous, rest of head & neck
(except median line & throat yellow) black, wings
& tail black; below yellow, sides & flanks olive
red-brown \ black \ brown brown

3071[✓] *Buarremon peliophrys*
brown \ black \ dark brown.

♂ 208

** 3072 ✓ *Iridoprocne jelskii* ♂ 157
 Front, side of head & throat black, plumage & hind
 neck feathers black basally, tipped with yellow yellow
 side of neck golden yellow, back, scapulars & hum-
 eral coverts bright blue; rump & upper tail coverts
 greenish blue; wing & tail black, edged blue; lower
 parts rich chestnut
 brown | black, brown blue below | blackish brown

3073 ✓ *Psittospiza riefferi* ♂ 220
 red | crimson | scarlet.

* 3074 ✓ *Bothraupis cucullata saturata* ♂ 246
 Head & throat black; hind neck, back, wing coverts
 rump etc. shimmering silvery blue, wing & tail
 black, tail & tertials edged blue; below rump
 yellow; flanks partly blue part black. Thigh
 black, pale scarlet | black | black

3075 ✓ *Myiotheretes striaticollis* ♂ 241
 brown | black | black

** 3076 ✓ *Xanthocephala viridicyanea* ♀ 315
 Front & side of head black, front of plumage &
 supercilium white, rest above, including wings
 & tail light greenish blue; throat dark blue, with a
 narrow white jugular collar; below blue.
 brown | black | black

3077 ✓ " " ♀ 320

3078 ✓ *Knipolegus aterrimus anthracinus* ♂ 180
 Black Flycatcher. Entirely black, except for broad white
 bar across lower side of rump at base.
 brown | leaden blue basally, black tip | black

3079 ✓ *Turdus gigas gigantoides* ♂ 310
 ♂ Black - ♀ gray. brown | eyelid bright yellow |
 bill red orange | feet orange.

3080 ✓ *Turdus chiguanco conradi* juv(?) ♂ 285
 ♀ entire brownish gray, slight olive mark above
 & on chest, pale on belly.
 hazel | dull yellow | pale dull yellow

Oconeque, May 23.

I shot in retractor near house & Juan went down road a mile or two.

**

3081 ✓ *Doryfera ludoviciae rectirostris* ♀ 105

Hummer; Pelican, lower wing coverts & upper tail coverts coppery green, back green green; tail above, bronze green with broad steel blue tips; below shining green, feathers slightly edged with grayish, belly buffy, crown green tipped with cinnamon, tail below steel blue

→ tarsal tufts black \ flesh bill = 20 mm.
white \ apically, blackish basally.

*

3081a (see no 3250) ♂ 108

Hummer (Hirundo-like) green above with chestnut-pelican, glittering green throat patch, buffy face with cinnamon & grayish bronze side; wings & tail dark purplish, tail green bronze above black \ black

**

3082 ✓ *Psolidopteryx* ♀ 109

♀ bright shining green above, crown slightly glittering, throat whitish with dusky dots; rest below cinnamon Tail purple blue below, outer rectrices tipped white.
black \ black

3083 ✓ *Leucippus leucogaster* ♂ 111

Hummer; bronzy green above, white below
black; flesh below \ black

3084 ✓ *Spizitornis* T.M.E. ♂ 118

same as Lumbani.

brown \ black \ black

3085 ✓ *Ochthoeca thoracica* ♂ 140

3086 ✓ " " ♂ 145

**

3087 ✓ *Thyplopsis* (?) im. ♂ 131

Front & nape of head orange yellow, above olive green, wings & tail edge same; below bright sulphur yellow

brown \ black, dusky blue below \ dusky

**

3088 ✓ *Lochnerias nematura obscurata* ♀ 158

Upper parts darker brown, brighter on lower back
 & more olive on pileum; below grayish olive brown
 below, with large white spots on throat &
 breast & down middle of abdomen; tail blackish,
 also wings, with tertials edged brown.
 brown | black, fluke below nasally | blackish

3089 ✓ " " " ♂ 166

3090 ✓ *Knipolegus aterrimus anthracinus* juv ♂ 158
Flycatcher *Cinnamomum* rump & tail broadly.
 brown | black | black** 3091 ✓ *Thamnophrilus ruficapillus* ♂ 167
 Pileum & occiput chestnut; sides of head & upper parts
 slate gray, antescapular with slight olive wash
 tail black; wings sooty, edged light brown; lower
 parts broad black & white, black band less distinct
 on throat; rectrices with a series of 3 white spots on
 edge of inner web, & white tips.
 pale hazel | black | leaden blue3092 ✓ *Atlapetes melanolæmus* ♀ 173
 (= 3076)3093 ✓ *Cinclus leucorotus* ♀ 162
 brown | black | leaden blue, sides black3094 ✓ *Knipolegus aterrimus anthracinus* ♂ 177
 black *Flycatcher*
 brown | broadly bluish white, tip black | black** 3095 ✓ *Diglossa sittoides satoratus* ♀ 128
 ♀ olive green above, pale grayish yellow below
 brown | black, fluke below broadly | brown brown

3096 ✓ " " " ♀ 129

3097 ✓ *Bothraupis cucullata saturata* ♂ 237
 yellowish scarlet | black | black

* 3098 ✓ *Ostinops* _____ ♀ 349
 (same as *Guacafutana*)
 brown \ pale green \ black.

* 3099 ✓ *Allocoerthynchos caeruleicinctus* ♀ 412
 (*Guacafutana* - blue pectoral collar & white line;
 Chestnut rump patch & tips to middle pair of rectrices
 brown \ leaden blue, tip paler \ olive leaden)

Oconegue, May 24, 1931

Both of us went up the road today.

3100 ✓ *Metallura smoragdiniacollis* (?) ♂ 95
 (= 3022) black \ black

** 3101 ✓ *Myiophobus ochraceiventris* (?) ♂ 120
 Rumpish olive above, below sooty olive; tail sooty,
 broadly edged brownish olive; wings black, lower coverts
 color of back, median & greater broadly tipped buffy
 yellow; secondaries edged same apically, & tertials least
 broad edging of same towards tip; inner wing
 coverts sulphur, remiges edged with buff below
 on inner web; below bright sulphur yellow
 brown \ black; yellow below \ leaden

3102 ✓ " " ♂ 115

3103 ✓ *Myioborus mimelaniceps* ♂ 150
 brown \ black \ black

** 3104 ✓ *Troglodytes solstitialis frater* ♀ 127
 (white supercilium)
 brown \ blackish, flesh & base below \ pale horn

** 3105 ✓ *Mionectes s. striaticollis* ♀ 138
 brown \ black, brown at base below \ leaden blue

3106 ✓ " " ♂ 148

3107 ✓ " " ♀ 139

X

3108 ✓ *Ochthoeca tithoracica* ♂ 143
brown / black / black

3109 ✓ " " " ♂ 146

3110 ✓ *Thlypopsis* (?) ♂ 140
(= No 3087) adult ♂ Pileum black to occiput & sides of
head rich cinnamon above
brown / black, leaden below, leaden blue

3111 ✓ " " " imm (?) 140

3112 ✓ " " " imm (?) 135

3113 ✓ " " " ♀ 136

3114 ✓ " " " ♀ 132

3115 ✓ *Knipolegus aterrimus anthracinus* ♂ 174
black Flycatcher brown / bluish white, tip black / black

** 3116 ✓ *Chlorospingus flavigularis parvirostris* ♂
gray / black, leaden brown below, leaden blue

** 3117 ✓ *Chlorospingus flavipectus* (?) ♂ 149
Olive green above; head brownish black; throat buffy
white, with dark patching; broad band of
olive yellow across chest, breast and pale grayish
white; sides & flanks olive, creases olive yellow
brown / black / leaden brown

** 3118 ✓ *Hypoxanthus atriceps* ♀ 255
brown / black / leaden blue
White top of head black, rump black, very
little red on wings, mostly olive, & red red
on breast.

3119 ✓ *Sporothraupis cyanocephala* ♀ 205
brown / black, leaden blue below, leaden

X

[66]

3120 ✓ *Diglossa personata*
red \ black \ blackish

♂ 163

3121 ✓ *Psittospiza riefferi*
hazel \ crimson \ scarlet

♂ 221

3122 ✓ " "

♂ 215

3123 ✓ " "

♀ 217

3124 ✓ " "

♂ 218

Oconeque, May 25.

I stayed in today on account of a bad toe, & made
scabbard for Juan's machete & loaded cartridge.
Juan got all the birds, down the road.

**

 3125 ✓ *Helianthaea inca*
 ♀ throat & chest cinnamon, tail white,
 black \ flesh

♀ 145

3126 ✓ " "

♀ 143

3127 ✓ *Helianthaea osculans*

♂ 152

 black \ dusky flesh
 cinnamon belly & tail & blue gular spot

**

3128 ✓ *Synallaxis a. azurea* (?)

♀ 172

hazel \ black, leaden blue below \ leaden blue

* 3129 ✓ *Hemicerthia leucophrys*

♀ 111

brown \ black, pale spot at base below \ dark brown

**

3130 ✓ *Hemipingus castaneicollis*

♂ 154

sides of head black, breast chestnut, rest below
cinnamon brown

brown \ black \ pale bluish brown

3131 ✓ *Chlorospingus flavigularis* ♀ 149
gray \ black \ pale leaden

3132 ✓ *Elania flavogaster* ♀ 157
brown \ black, fluff at base tail brown \ black

3133 ✓ *Knipolegus aterrimus anthracinus* ♀ 164
Flycatcher - chestnut rump, tail broadly
brown \ black \ black

3134 ✓ *Bothraupis cucullata saturata* ♀ 238
Scarlet \ black \ black

** 3135 ✓ *Archiphanes chrysoratus* ♀ 288
black, with yellow rump only.

3136 ✓ " " ♂ 311
white \ pale yellowish pea green, base blue \ black

3137 ✓ *Atlocorynchus caeruleicinctus* ♂ 424
red \ leaden blue, tip pale \ leaden blue

3138 ✓ *Hypoxanthus atriceps* ♀ 250
brown \ black \ leaden blue

Ocuquye, May 26 / 1931

juvenile most up side valley along foot of Andes, white
forest entirely in "straggles" above house Juan 10,
May 21.

3139 ✓ *Metallura smaragdincollis* ♂ 98
= No 3022 black \ black

3140 ✓ *Leucippus leucogaster* ♂ 112
White breasted Hummer seen 3078
black; fluff blue \ black

* 3141 ✓ *Helianthos amethysticollis* (Huecaputana) ♂ 120
Green above, purple throat, chest buff cinnamon,
black \ black

3142 ✓ *Heliothra inca* ♂ 146
black \ black

** 3143 ✓ *Ochthoeca albididema pulchella* ♀ 126

Palum sooty brown, back & rump ferruginous brown, wings & tail black; lesser wing coverts brown, median coverts slightly tipped dark cinnamon, greater broadly tipped light cinnamon, inner secondary & tertiary edged cinnamon; yellow lores & supercilium, pale posteriorly; below arby gray, belly whitish & flanks cinnamon brown
brown | black | black.

3144 ✓ " " " ♀ 122

** 3145 ✓ *Conirostrum atrocyaneum* (?) ♀ 122

Palum bright blue, male arby blue, rest above olive green; tail & wings sooty, edged olive green; sides of head & throat & chin arby gray, rest below yellowish olive.
brown | black | leaden blue

~ 3146 ✓ *Henricornia leucophrys* ♂ 120
brown | black | blackish

3147 ✓ " " ♂ 120

3148 ✓ *Basilentus signatus* ♂ 151
brown | black | brownish yellow

** 3149 ✓ *Myiadestes* (?) ♂ 187
Upper parts olive brown, browner on rump, front & sides of head, throat & lower parts arby gray, belly whitish, outer rectrices whitish apically.
brown | black | blackish

3150 ✓ *Micreotes striaticollis* ♂ 152
brown | black; dusky, fls below variably | leaden blue

3151 ✓ " " ♀ 141

3152 ✓ *Syanallaxis agave* ♂ 183
hazel | black | olive

** 3153 ✓ *Cinnycerthia olivaceus* (?) ♂ 145
red-brown | blackish, leaden blue | dark brown
(seem different from *Huacapistana* birds)

X

3154 ✓ Thamnophilus ruficapillus marcapati ♂ 160
-3091 red hazel | black | leaden blue

3155 ✓ Knipolegus aterrimus anthracinus ♂ 168
chestnut rump & tail flycatcher

3156 ✓ " " " ♀ 165
brown | black, black fluke at base below black

3157 ✓ " " " ♀ 163

3158 ✓ " " " ♂ 170

3159 ✓ " " " ♀ 165

3160 ✓ Thlypopsis ♂ 137
rufous head, yellow below
brown | black, leaden below | leaden blue

~~3161 ✓ Thlypopsis castaneiventris ♂ 150~~
~~Black face & rufous chest.~~
~~black | black | dull bluish brown~~

3161 ✓ Chlorospingus flavipectus ♀ 152
whitish throat & olive yellow chest & crown & sides
pale straw | black | leaden

3162 ✓ Chlorospingus flavigularis ♂ 156
whitish | black, low below leaden | leaden blue

3163 ✓ Knipolegus aterrimus anthracinus ♂ 178
Black flycatcher
brown | pale bluish, up black | black

3164 ✓ " " " ♂ 176

** 3165 ✓ Amblycorcus holosericeus ♂ 259
blue gray | pale olive yellow, under crown black |
blackish brown

X

[68]

- 3166 ✓ *Turdus chiquanea conradi* ♂ 278
 brown | dull yellow | pale brownish yellow
 = No 3080
- * 3167 ✓ *Penelope sclateri plumosa* (?) ♂ 610
 brown | black, brownish below | pink salmon
 (Throat pale crimson)
- 3168 ✓ " " " ♀ 590

Oconegue, May 27, 1931

I went up grass covered mountain on opposite side
 of river, to mount, but nothing found, came down
 to ironed river & went up track a bridge entrance
 on this side, *Scytalopus*, no more.
 guan went down valley on main road. J=9/MC, 11.

- ** 3169 ✓ *Adelomyia inornata* ♂ 96
 soft bronze green above, just under sharp white, band
 below eye blackish, below dull buffy, throat feathers
 tipped with caerulean blue, sides & flanks brownish; tail
 below with subterminally purplish, tipped with cinnamon buff.

- ** 3170 ✓ *Scytalopus* (juv?) ♀ 122
 brown blackish | brown brown
 above brown, with concentric black markings, wing
 coverts tipped with buffy, edged with brown; below,
 feathers centrally black, edge with buffy ochraceous.

- * 3171 ✓ *Cistothorus platensis* ♀ 117
 brown | black, fluff below | flesh.

- 3172 ✓ " " T.M.E. ♂ 115

- 3173 ✓ *Helianthon inca* ♀ 142
 black | flesh.

- 3174 ✓ *Hemicorhina leucophrys* ♀ 118
 brown | black | blackish brown

- 3175 ✓ " " ♂ 116

- 3176 ✓ *Myioborus melanocephalus* ♀ 148
 brown | black | black.

** 3177 ✓ *Anthus* (??) T.E. ♂ 160

Resembles *calcaratus*, but has outer rectrices
brownish buff instead of white & chest darker
buff, with black streaks less pronounced.
brown | black | black below black

3178 ✓ *Ochthoeca t. thoracica* ♀ 138
brown | black | black

* 3179 ✓ *Volatinia jacarina jacarina* T.E. ♂ 110
(2,000 ft) brown | black, pale brown blue below | dusky brown

3180 ✓ *Conirostrum atrocyanum* ♂ 134
♂ entirely black, with fulvous, brown along coverts
& rump caerulean blue.
brown | black | leaden

3181 ✓ *Thlypopsis* ♂ 138
(cinnamon head)
brown | black, leaden below | leaden blue

3182 ✓ *Chlorospingus flavipectus* ♀ 149
sham | black | leaden blue

3183 ✓ *Chlorospingus flavigularis* ♀ 144
gray | black, leaden at base below | leaden blue

3184 ✓ " " ♂ 153

** 3185 ✓ *Myiarchus t. tuberculifer* ♂ 206
brown | black | black
olive green above, cap black; throat gray, bright
sulphur yellow below; wings margins & flanks fulvous

3186 ✓ *Atlapetes melanolaimus* ♂ 176
chestnut cap, black above, yellow below
brown | black | dark brown

** 3187 ✓ *Pheucticus aureiventris* ♂ imm 224
brown | black, fluff below | leaden brown
(not in list of Peruvian birds)

3188 ✓ *Atlocorynchus caeruleicinctus* ♀ 285
brown | leaden blue top pale | olive leaden

X

[69]

Oconeeque, May 28/1931.

man went up road, I shot in rectangle above
house till 9 Am, + got 14 - then went by hill to
old chacras but got nothing, later 3 more in rectangle.
J. 11 - M. 17

3189[✓] *Metallura smaragdincollis* ♂ 95
black | black.

3190[✓] *Leucippus leucogaster* ♂ 112
Humer, green above white below
black, pink below | blackish

3191[✓] *Helianthus amethysticollis* ♂ 115
black | black.

3192[✓] *Ochthoeca albididactyla pulchella* ♀ 132

3193[✓] *Thamnotophilus ruficapillus marcapatae* ♂ 163
pale hazel | black, leaden below | leaden blue

3194[✓] " " " ♂ 168

3195[✓] *Elaenia flavogaster* ♂ 165
brown | black, pink below | black

3196[✓] *Sporothraupis cyanocephalus* ♀ 192
brown | black, leaden below | leaden

3197[✓] " " " ♂ 204

3198[✓] " " " ♂ 197

** 3199[✓] *Pipraeidea melanonota* (?) ♂ 148
red | black | black

Crown, rump & lower wing coverts bright silvery blue,
rest above & edgings to wings & tail dark indigo blue,
front & under of head black, below ochraceous.

3200[✓] *Atlapetes melanoleucus* ♀ 165
brown | black | brownish black

- 3201 ✓ *Chlorospingus flavipectus* ♂ 153
brown | black | leaden
- ** 3202 ✓ *Pseudostixia pratensis(?)* ♀ 117
above dusky olive, heavily streaked with
dark brownish, rump olive green; narrow whitish eye
ring; below yellow, streaked on chest with blackish
quills wing coverts edged whitish.
brown | black, leaden blue below pink.
- * 3203 ✓ *Catamblyrhynchus citrinifrons* ♀ 134
brown | black, pale at base below | dark brown
- 3204 ✓ *Knipolegus aterrimus anthracinus* ♂ 176
Black Flycatcher, white throat, wing quills,
brown | bluish white, tip black | black.
- 3205 ✓ *Troglodytes musculus (puna?)* ♀ 129
brown | black, fluff below | bluish fluff
- 3206 ✓ *Myiarchus t. tuberculifer.* ♀ 195
brown | black | black
- 3207 ✓ *Diglossa sittoides* ^{juv} ♂ 125
Dark olive above, yellowish below, chest olivaceous,
gray | black, bluish brown below | dusky brown
- 3208 ✓ *Diglossa personata* ♂ 164
red | black | black.
- 3209 ✓ " " ♀ 153
- 3210 ✓ *Pittospiza riefferi* ♀ 211
dull red | crimson | scarlet.
- ** 3211 ✓ *Pseudocolaptes boissonneaulti auritus* ♂ 220
brown | black, rufous below | blue leaden
- 3212 ✓ *Pheucticus aureiventris* ♂ 232
brown | black, brown blue below | leaden
- 3213 ✓ *Hypoxanthus atriceps* ♂ 245
brown | black | leaden blue

X

[70]

** 3214 ✓ *Oreopelia frenata* ♀ 232
hazel | black | purplish crimson

3215 ✓ *Penelope sclateri plumosa* (?) ♂ 610
red | black | pinkish crimson

3216 ✓ " " " ♂ 588

Oconegue, May 29, 1931

John went down the valley & I went up the trail several miles, got back at 12²⁰ P.M. with 17 birds. J. had 9, but ditched me, leaving 8

3217 ✓ *Myiophobus ochraceiventris* (?) ♂ 120
(= 3101) brown | black, yellow fls below | leaden

3218 ✓ *Myioborus melanocephalus* ♂ 153
brown | black | black

3219 ✓ *Synallaxis azarae* ♂ 179
hazel | black, leaden below | leaden ~~blue~~ olive

3220 ✓ " " ♂ 172

3221 ✓ *Hemispingus castaneicollis* ♂ 151
brown | black | leaden brown

3222 ✓ *Delothraupis castaneiventris* ♂ 170
brown | black, leaden below | leaden brown

3223 ✓ *Myiarchus tuberculifer* ♂ 198
brown | black | black.

3224 ✓ " " ♀ 200

3225 ✓ " " ♀ 191

** 3226 ✓ *Certhodicta fusciorufa* (?) 205
brown | black | black.

X

3227 ✓ *Psittospiza rietheri* ♂ 205
brown | cinnamon | scarlet.

3228 ✓ " " ♂ 210

3229 ✓ *Archiplexus chrysometus* ♀ 288
pale blue | pale bluish | mostly, blue yellow
on ridges apically | black

3230 ✓ " " imm ♀ 275

3231 ✓ " " ♀ 277

3232 ✓ *Hypexanthus atriceps* ♂ 267
brown | black | leaden blue

3233 ✓ *Bothraupis cucullata saturata* ♀ 253
scarlet | black | black

3234 ✓ " " ♂ 242

~~3235 ✓ " " ♀ 238~~

3236 ✓ *Turdus chiquanco conradi* ♂ 282
brown | dusky yellow | pale yellow

3237 ✓ *Xanthoeca viridicyanea* ♀ 333
brown | black | black, forjolyae

3238 ✓ *Turdus fuscater oelkendorfi* ♂ 315
brown | yellow | brownish orange | yellow

3239 ✓ " " ♀ 325
brown | red orange | yellow

3240 ✓ *Ostinops atrovirens* (3) ♀ 322
brown | pale magenta | black

* 3241 ✓ *Momotus aeneus chlorocyanus* ♀ 542
red | black

Ocongue, May 30/1931

I did not go out today, my toe bad again.
 Had 7 large birds left from yesterday to
 skin & stuff & the 2 Parrots to stuff.
 Juan went up the valley and got 8 birds - large ones. I went out in evening

3242 ✓ *Diglossa sittoides intermedia* ♂ 135
 black, bluish flesh below barely dusky flesh
 This bird has lower parts pale buffy ochraceous,
 not uniform, as in description.

3243 ✓ *Procnopis atricaerulea* ♀ 143
 brown, black, bluish at base below leaden

3244 ✓ *Myiadestes* (?) ♂ 183
 brown, black, black.

3245 ✓ *Xanthopura* { *viridicyanea* ♀ 322
 brown, black, black } or *golyias*.

3246 ✓ " " imm. ♀ 297

3247 ✓ " " ♂ 332

3248 ✓ *Euchloris arcuatus* ♀ 257
 white throat, crimson, scarlet.

3249 ✓ *Hemispingus castaneicollis* ♀ 150
 brown, black, dull bluish brown

* 3250 ✓ *Chalcostigma ruticeps aureocephalus* ♂ 108
Humma (Hudcaputana, chestnut crown fastigatum.
 black black
 (description under 3081a)

3251 ✓ *Serpophaga cinerea* ♀ 113
 brown, black, black

3252 ✓ *Meurocerculus l. leucophrys* ♀ 124
brown \ black \ black

3253 ✓ " " ♀ 131

3254 ✓ *Synallaxis azarae* ♂ 173
hazel \ black, leaden below \ dark olive

3255 ✓ " " ♀ 175

3256 ✓ *Atlapetes melanolaemus* ♂ 177
brown \ black \ dusky brown

3257 ✓ " " ♂ 182

3258 ✓ *Chlorospingus flavipectus* ♀ 145
brownish above \ black \ leaden

3259 ✓ *Phoebastria aureiventris* ♂ 233
brown \ black, brown blue below \ leaden brown

Sunday, May 31. (Oronogo).
Salting & packing birds today & cleaning up
odds & ends, including self.

Oronogo, June 1.

journeyed up the valley & I went down, as far as
Quilam, but found nothing down there.

3260 ✓ *Ochthoeca albidioroma pulchella* ♀ 128
brown \ black \ black.

3261 ✓ *Helianthea inca* ♂ 144
black \ black.

3262 ✓ *Pyrrhomyias cin. cinnamomea* ♂ 142
brown \ black \ black

3263 ✓ " " ♀ 129

3264 ✓ *Mionectes striatocollis* ♂ 150
brown \ black, dusky flesh below basally \ leaden

- 3265 ✓ *Hemispingus castaneicollis* ♂ 150
brown \ black \ pale brown
- 3266 ✓ *Iridoprocne jelskii* ♂ 156
brown \ black, leaden blue below \ blackish brown
- 3267 ✓ *Procnopis atricaerulea* ♀ 142
brown \ black, leaden below \ leaden blue
- 3268 ✓ " " ♀ 141
- 3269 ✓ " " ♂ 140
- 3270 ✓ *Diglossa personata* ♀ 160
red \ black \ black
- **
3271 ✓ *Myiodynastes* sp. nov. (?) ♀ 227
Near *chrysocephalus*, but very distinct.
Crown, nape, sides of neck & malar stripe all grey,
jules darker medially; broad white supercilious
& malar stripe; large concealed lumen yellow
crown patch, upper part bright olive green; wings
& tail sooty; median & greater coverts & secondaries
red-brown edged with rufous; tertials broadly edged with
pale sulphur; throat buffy white; rest below bright
sulphur yellow, chest with slight dusky olive tinge
Inner wing coverts & edges of quills bright yellow.
brown \ black, fluff at base below \ leaden
- *
3272 ✓ *Piaya cayana bolivianna* ♂ 442
red \ olive green, dark basally \ leaden
- 3273 ✓ *Turdus serranus* ♀ 268
brown \ blackish \ brownish yellow
- 3274 ✓ *Archiphenax chrysomotus* ♀ 275
pale blue \ pale olive yellow, throat basally \ black.
- 3275 ✓ *Butoropis cucullata* ♀ 236
pale scarlet \ black \ black
- 3276 ✓ *Ostinops atrovirens* ♀ 352
brown \ pale pea-green \ black
- 3277 ✓ *Myiodynastes (?)* ♂ 172
brown \ black \ dark brown brown

X
3278 ✓ *Knipolegus aterrimus anthracina* ♂ 170
brown / bluish white, tip black / black.

Ocosingo, June 2

gran went up valley, got 7 birds including *Eudolomus*,
Delothraupis, *T. serranus* & *Pseudocolinus*.
I walked down valley a short distance & in rest of 11 birds.

3279 ✓ *Hemicarhina l. leucophrys* ♂ 120
brown / black / blackish.

3280 ✓ *Chlorospingus flavigularis* ♂ 168
white / black / leaden brown

3281 ✓ *Doryfera ludovicat rectirostris* ♀ 110
(Humer = No 3081.) black / dusky flesh

3282 ✓ *Helianthaea inca* ♂ 148
black / flesh.

3283 ✓ *Myioborus melanocephalus* (?) 150
brown / black / black

3284 ✓ *Ochthoeca thoracica* ♀ 136

3285 ✓ *Pseudechlaris prateasis* (?) ♀ 122
(= No. brown / black, under below / flesh. ^{large egg in nest})

3286 ✓ *Elanoides flavogaster* ♀ 169
brown / black, flesh below / black.

3287 ✓ *Atlapetes melanolaimus* ♂ 185
red-brown / black / brown horn

3288 ✓ *Delothraupis castaneiventris* ♂ 172
brown / black, under blue blue / blackish horn

3289 ✓ *Pseudocolaptes boissonodoti auritus* ♀ 215
brown / black, flesh medially below / olive

3290 ✓ *Procnopis atricaerulea* ♂ 144
brown / black, under blue below basally / leaden blue

- 3291 ✓ *Chlorospingus flavigularis* ♂ 157
white \ black \ leaden
- 3292 ✓ *Diglossa personata* ♂ 167
red \ black \ black
- 3293 ✓ *Poecilothraupis lunulata irritiventris* ♂ 185
brown \ black \ black
- 3294 ✓ *Psittospiza rietheri* ♂ 212
red \ crimson \ scarlet
- 3295 ✓ *Turdus serranus* ♀ 256
brown \ black \ dark brown
- ** 3296 ✓ *Euchlornis intermedia signata* ♂ 211
gray \ crimson \ scarlet

Oconegue, June 3.

Worked in sertigos & up the road, birds now very scarce & wild.

- 3297 ✓ *Ochthoeca albididema pulchella* ♀ 128
brown \ black, yellow below basally \ black
- 3298 ✓ *Doryfera ludovicica rectirostris* ♀ 106
Numer No. 3081 black \ dusky flesh
- 3299 ✓ *Chalcostigma ruficeps aureofastigium* ♂ 107
black \ blackish
- 3300 ✓ *Myiadestes* ♂ 182
brown \ black \ dark brown
- ** 3301 ✓ *Catharus fuscater mentalis* ♂ 193
brown \ red orange, ridge blackish \ eyelid orange \ dusky yellow
- 3302 ✓ *Mionectes striaticollis* ♂ 149
brown \ black, dusky flesh below \ leaden brown
- 3303 ✓ *Diglossa personatus* ♀ 162
red \ black \ blackish
- ** 3304 ✓ *Trogonurus assimilis* ♀ 284
brown \ yellow, ridge black \ olive flesh
- * 3305 ✓ *Pharemaeus auriceps* ♂ 368
brown \ orange \ dusky olive

X

Oconegue, June 5

3306 ✓

♂ 116

Hummer = No 3081. black \ black.

♂ Similar to ♀ but lower part entirely dark
shining green green; tibial tufts buff.

Abitur, June 5.

**
3307 ✓

Columbula picui

♀ 142

Upper part dark brownish gray, fulvous on throat &
front pale fawn color; median wing coverts tipped
with white & white edged white on outer end,
quite wing coverts black; chest slightly tawny gray,
rest below white; outer rectrices white with two
large white patches on basal part of secondaries below
wing 90 tail 70.

pale blue black, black white below basally \ crimson

Bella Pampa, June 6

Rain until midday. Went out at 2 P.M. down
to Bridge. Juncos shot up valley & got 5 birds.

3308 ✓ *Hemicortina leucophaea*

♂ 114

* 3309 ✓ *Stelgidopteryx r. ruficollis*

♀ 142

brown \ black \ black

** 3310 ✓ *Thraupis arizonae*

♂ 159

shaded black, leaden below leaden blue.

** 3311 ✓ *Basilinna*

♀ 144

facial crown. Thru rufous. dorsal fly
black stripe to nape; flank line & pal yellow. eye
brown \ black \ dusky yellow flint.

* 3312 ✓ *Synallaxis cabanisi* (tail molt) ♀ 160

brown \ black, leaden below leaden

** 3313 ✓ *Leptopogon superciliosus albidiventris* ♂ 156

brown \ black \ leaden blue

* 3314 ✓ *Vireosylva olivacea*

♂ 152

**

3314 ~~Tanagra~~ ~~retrovirens~~

[74]

♀ 115

*

3315 ✓ *Myiospiza aurifrons*

♂ 137

*

3316 ✓ *Malacoptila fulvogularis*

♀ 233

**

3317 ✓ *Crypturus obsoletus punensis* (?) ♀ 275
red brown \ black, olive leaden below \ leaden blue

*

3318 ✓ *Ortalis guttata adspersa* ♀ 510
brown \ black, leaden blue below \ pink bloodMelophaga probably mixed in vials from 3317 & 3318.3319 *Basileuterus* ————— ♂ 154Bella Pampa, June 7.3320 ✓ *Crypturus obsoletus punensis* (?) ♀ 285

**

3321 ✓ *Pheugopedius cantator* (3) ♀ 148
hazel \ black, leaden blue below \ dusky tanPalm dark brown; back & wing edging bright
dusky rufous; white supercilium & malar streak,
with a black streak below malar white streak.
auricular streak black & white, sides of neck clear
ashy; throat white, rest below buffy cinnamon

**

3322 ✓ *Myrmotherula longicauda australis* ♂ 115
gray \ black, leaden blue below \ leaden blue*Thamnophilus*3323 ✓ *Dysithamnus oroyae* (?) ♀ 152
hazel \ black, leaden blue below \ bright leaden blueWhole cap rufous, rest above olive brown, wing-
edged brownish; auricular area ashy; entire under
parts dark buffy ochraceous

**

3324 ✓ *Coccyphaga aurita occidentalis* (P) ♂ 142
brown \ black, white fluff below \ leaden blue

3325 ✓ " " " " ♂ 150

3326[✓] *Conopophaga aerita occidentalis* (c) ♂ 150

** 3327[✓] *Moscicaxicola floviatilis* ♀ 144
brown/black, flesh below barely black.

3328[✓] " " ♂ 143

* 3329[✓] *Pipra caeruleicapilla* ♂ 106
brown/black, leaden blue below blackish

3330[✓] " " ♂ 104

3331[✓] " " ♀ 112

* 3332[✓] *Myiarchus ferox* (?) ♀ 200
brown/black/black

* 3333[✓] *Tanagra xanthogaster brunneitrons* ♂ 121
brown/black, leaden blue below barely black leaden

3334[✓] *Myiaspiza aurifrons* ♀ 140
brown/black, leaden blue below flesh.

Bella Pampa, June 8.

** 3335[✓] *Lophotriccus pileatus hypochlorus* ♂ 109
straw/black/leaden blue

** 3336[✓] *Myiophobus f. fasciatus* ♀ 129
brown/black, flesh below black

3337[✓] *Basileuterus* ♀ 137
(= 3311) brown/black/flesh yellow

3338[✓] " " ♂ 151

** 3339[✓] *Chiroxiphia parvula boliviensis* juv. ♂ 136
brown/black/dusty yellow

~~3340~~

**

3340 ✓ *Myioborus verticalis verticalis*
brown | black | black

♂ 140

♀ 131

3341 ✓

"

"

"

3342 ✓ *Synallaxis ~~cabanisi~~ azare azare* ♂ 170
brown | black, leaden blue | leaden blue

**

3343 ✓ *Synallaxis cabanisi*

♂ 166

Superficially resembling *cabanisi*; whole crown & nape (except tips of quills blackish) bright chestnut rufous; tail darker chestnut; rest of upper parts rich rufous brown; throat gray, feathers blackish; rest below rufous dark grayish brown; a fulvous post ocular stripe under wing coverts fulvous cinnamon, & lining of wing rufous blackish. w = 60 tail 66.
red-brown | black, leaden blue | olive.

**

3344 ✓ *Scytalopus*

♂ 128

Much larger than *limbani* bird. Upper parts & wings & tail pure black, below slaty black, flanks, belly & crura barred with light brown.

3345 ✓ *Leptopogon superciliaris albidiventer* ♂ 152
brown | black | leaden blue

3346 ✓ *Stelgidopteryx ruficollis*
brown | black | black

♂ 140

3347 ✓ *Pygocichla cyanoleuca*
brown | black | black

T.N.E. ♂ 128

3348 ✓ *Thamnophilus arizonae*
brown | black, leaden blue | leaden blue

♀ 153

* 3349 ✓ *Thamnophilus palliatus*
gray | black, leaden blue | leaden blue

♂ 171

3350 ✓

"

"

♂ 177

3351 ✓ *Muscisaxicola flaviatilis*
brown | black, yellowish | black

♀ 140

3352 ✓ *Chlorospingus flavigularis* ♂ 157
white | black, lozen below basally | lozen blue

3353 ✓ *Myiospiza aurifrons* ♀ 135
brown | black, lozen blue below | black

3354 ✓ *Tanager* ~~*xanthogaster*~~ *brunneifrons* ♀ 114
~~*rufiventris* (?)~~
brown | black, lozen below basally | lozen blue

3355 ✓ *Ramphocelus atroseiceus* (?) ♂ 188
dark red | black, underparts silvery white | black

3356 ✓ " " ♂ 188

* 3357 ✓ *Cyanerpes nitidus* ♀ 112
brown | black | olive green

* 3358 ✓ *Rupornis magnirostris occidens* ♀ 390
yellow | black, lozen below; ear yellow | yellow

Today Juan went up the road & got 9 birds.
I went down river up Guamburi on old mine
road in forest big thicket.

Bella Pampa, June 7.

I went up valley on main road & Juan went down
I got 14 & Juan 13. A nasty rainy day with
the clouds & fine mist.

* 3359 ✓ *Thripodectes (2) melanochlorus* ♀ 227
Blackish brown above, with slight streaks of fulvous
on crown & nape & lozen on back; rump
and chestnut, orange dorsal seat brown, slight
shaft streaks on coverts; under parts light fulvous
brown, light patch with blackish edge. &
chest with slight fulvous shaft streaks, under
wing coverts fulvous cinnamon
brown | black | dusky brown

3360 ✓ *Serpophaga cinerea* ♂ 120
brown | black | black

- 3361 ✓ *Basileuterus* ♂ 147
Common form brown | black | brownish yellow
- * 3362 ✓ *Telmomomyias poliocephalus* ♂ 147
gray | black, blunt fluk below leaden
- 3363 ✓ *Leptopogon superciliosus albidiventer* ♂ 153
brown | black | leaden
- 3364 ✓ *Thamnaeophis palliatus* ♂ 176
gray | black, leaden blue below leaden blue
- 3365 ✓ *Mionectes striaticollis* ♀ 139
brown | black, brownish fluk below broadly | leaden
- ** 3366 ✓ *Coereba mexicanus* ♀ 104
brown | black | dull leaden brown
- * 3367 ✓ *Thamnastes granabatins rufescens* ♂ 160
Above olive brown, head darker, large concealed
cinnamon fulvous spots on back; back with narrow
fulvous oblique lines; supercilium fulvous; below
fulvous, more cinnamon on throat & sides of throat
flank. & breast grayish fulvous.
red-brown | black, leaden blue below | olive.
- * 3368 ✓ *Cysceloides brunneitorques* ♂ 135
brown | black | black
- 3369 ✓ *Pipra caeruleicapilla* juv ♂ 100
brown | black, leaden below, black.
- 3370 ✓ *Chiroxiphia parula boliviana* ♀ 140
brown | black | purplish fluk
- 3371 ✓ *Atlapetes melanolaemus* ♀ 158
brown | black | blackish
- * 3372 ✓ *Tangara cyaneicollis gularis* ♂ 134
(Blue head & throat) brown | black | black
- * 3373 ✓ *Tangara polebra polebra* ♂ 148
brown | black | leaden brown

- ** 3374 ✓ *Iridopis analis* ♂ 172
 (yellow throat)
 brown | black olive, ridge black | black
- 3375 ✓ " " ♀ 170
- ** 3376 ✓ *Eubucca versicolor* ♂ 175
 (scarlet head throat) red | olive yellow, ridge dusky | olive green
- * 3377 ✓ *Galbula tombacea cyanescens* ♀ 241
 brown | black | brownish blue
- ** 3378 ✓ *Xiphothorax ocellatus* (3) ♂ 229
 bright red brown above, small oval fulvous spot
 on head & nape, large dusky on back; throat
 & chest with large oval fulvous spot, throat nearly
 plain below, breast belly & crumple with large
 streaks brown | blackish, pale apically, black flab below,
 (leaden line)
- * 3379 ✓ *Xiphothorax triangularis bangsi* ♂ 243
 olive brown above & olive below, small
 elongate oval spot on fulvous, tipped black, apex
 of upper back with a few longest narrow whitish lines
 wings, wings & tail chestnut; throat heavily spotted
 with pale fulvous white, breast sparsely
 brown | black, black flab below, maxilla
 with a black band in middle | leaden
- 3380 ✓ *Myiospiza aurifrons* ♀ 133
 brown | black, horn blue below | pale horn blue
- 3381 ✓ *Chlorospingus flavigularis* ♀ 154
 pale hazel | black, leaden below | leaden blue
- 3382 ✓ *Malacoptila fulvogularis* ♀ 220
 red | black | olive
- 3383 ✓ *Ramphocelus atrovirens* ♂ 183
 brown | black, mand. max. yellow black | black
- 3384 ✓ " " ♀ 185
 brown | black, dark horn blue | blackish
- 3385 ✓ " " juv ♂ 187

Bella Pampa, June 10

- 3386 ✓ *Tyrannus melancholicus* ♂ 227
brown | black | black
- 3387 ✓ *Basileuterus* ♂ 150
(Common) brown | black | brownish yellow
- * 3388 ✓ *Thalurania tshedii* ♂ 113
black | blackish
- * 3389 ✓ *Heliodoxa leadbeateri* ♂ 136
Hummer; Shining grass green above; fulvous glittering blue
tail deeply forked (15 mm); throat glittering green, rest below
shining green; bill 20 mm, throat straight tail steel
blue, middle feathers bronzy green
- 3390 ✓ *Lophotriccus pileatus hypochlorus* ♀ 101
straw | black | leaden blue
- 3391 ✓ *Leptopogon superciliosus albidiventer* ♂ 151
hazel | black | leaden blue
- 3392 ✓ " " " " ♂ 151
- 3393 ✓ *Synallaxis azore azore* ♀ 145
brown | black, brown blue below | leaden blue
- 3394 ✓ *Pheugopedius cantator* (?) ♀ 151
red-brown | black, leaden below | bluish flesh.
- 3395 ✓ " " " " ♂ 154
- * 3396 ✓ *Dystharnax mentalis olivaceus* ♂ 129
brown | black | leaden blue
- 3397 ✓ " " " " ♀ 125
- 3398 ✓ *Thamnophilus arizonae* ♀ 151
straw | black, leaden below | leaden blue

3397[✓] *Premnoplex brunneus stictonotus* ♂ 143
brown | black, flesh below | dark brown horn

3400[✓] *Myiobius* ♀ 139
Above seal brown, olive on nape; slight concealed
red patch on crown; tail edged with seal brown;
wings sooty, strong double wing bar of cinnamon
+ quills heavily edged same; below olive yellow,
more olive on chest & more yellow on throat & belly
brown | black, yellow flesh below | bluish horn

3401[✓] *Muscisaxicola fluvialis* ♀ 141
brown | black, flesh below basally | black

3402[✓] *Micreotes striatocollis* ♂ 144
brown | black, dusky, flesh at base below

3403[✓] *Pipraeidea melanerota* ♀ 155
red-brown | black, leaden below | dark leaden

3404[✓] *Tangara punctulata* ♂ 130
brown | black, ~~leaden~~ brown blue below | leaden

3405[✓] *Myiozipiza aurifrons* ♂ 142
brown | black, leaden below | bluish flesh

3406[✓] *Chlorophanes forrejonii* ♂ 118
brown | black, leaden basally on sides | bluish horn

3407[✓] " " ♀ 113

3408[✓] *Tanagra xanthogaster brunneifrons* ♂ 117
brown | black, leaden at base below | dark leaden

3409[✓] *Chlorochrysa fulgentissima* ♂ 133
brown | black | dull olive

3410[✓] *Chiroxipteria parvula boliviana* ♂ 145
brown | black | olive pale brown

3411[✓] " " ♂ 140

X

[78]

3412 ✓ *Tridornis analis* ♂ 172
brown | pale greenish blue, ridge black | black

3413 ✓ " " ♂ 180

3414 ✓ " " ♂ 179

** 3415 ✓ *Pyrigleria leucanota marcapatensis* ♀ 186
ant. throat (?) above rich cool brown, rump, slaty & tail black
lower black, short superciliary white; throat fulvous
chest dusky brownish fulvous; rest below dark brown
flanks, belly & crumple slaty black
red | black, brown blue below | dark leaden

* 3416 ✓ *Aulocaitynchus derbianus* ♀ 410
brown | blackish, red basally & at tip | olive

** 3417 ✓ *Rupicola peruviana saturatus* ♂ 371
white | orange | yellow

Bella Pampa, June 11.

I went up trail to top of ridge, & got 17 birds + more;
Juan went down valley, got 12.

* 3418 ✓ *Oreatus annae* ♂ 121
black | flesh.

3419 ✓ *Lophotriacus pileatus hypochlorus* ♀ 104
straw | black, black at base of bill | leaden

* 3420 ✓ *Basileuterus tristriatus* ♂ 134
brown | blackish, dark brown below | yellowish brown

3421 ✓ " " ♂ 140

3422 ✓ *Phlegopodius coarctatus* ♂ 136
brown | black, leaden blue | blackish

3423 ✓ " " ♀ 150

- 3424 ✓ *Thamnophilus palliatus* ♂ 171
straw | black, leaden below | leaden blue
- 3425 ✓ " " ♀ 177
- 3426 ✓ *Thamnophilus oroyae* ♂ 158
brown | black, leaden below | leaden blue
- 3427 ✓ *Pyrrhuloxia leucanota* ♂ 195
cinnamon | black | black
- 3428 ✓ " " ♀ 185
cinnamon | black, leaden blue below | leaden blue
- 3429 ✓ *Pyrrhuloxia cinerea* ♀ 133
brown | black | black
- 3430 ✓ *Xyphocharis ocellatus* ♂ 226
brown | blackish, brown blue below | leaden blue
- 3431 ✓ *Thamnistes anabatinus* ♂ 161
brown | black, leaden blue below | blue
- * 3432 ✓ *Xenops rutilus heterurus* ♀ 128
brown | black, pink at base below | below black
- 3433 ✓ *Elanoides* — ♀ 160
same as *Ocorupis* | brown | black, dusky pink below | black
- ** 3434 ✓ *Turdus nigriceps* ♀
Dark above brown on head & upper back, jaw
under slaty on throat & upper tail coverts; lower
parts color as plumage, throat white, underparts pale
fawn laterally; streaked with dark brown (throat,
breast skin brown; sides ashy brown; middle of
breast & belly & ventrals as above, latter with slaty
bars to flanks.
brown | black | dusky, yellow pink.
- 3435 ✓ *Chiroxiptia parula boliviana* ♀ 136
brown | black | pale purplish brown
- 3436 ✓ *Cyanospiza nitida* juv ♂ 107
brown | black | olive

3437 ✓ *Tangara punctulata* ♀ 127
brown | black, leaden below | leaden blue

3438 ✓ " " ♀ 127

* 3439 ✓ *Tangara chilensis chlorocarya* ♀ 152
brown | black | leaden

3440 ✓ " " ♂ 152

3441 ✓ *Chlorochrysa fulgentissima* ♂ 130
brown | black | olive

3442 ✓ " " ♂ 128

3443 ✓ *Chlorospingus flavipectus* ♂ 150
shawn | black | leaden blue

** 3444 ✓ *Spinus olivaceus* ♂ 115
brown | black, bare all round pale dark brown

* 3445 ✓ *Ostinops alfredi* ♀ 391
brown | very | blackish

Bella Pampa, June 12

We both went up road up right bank of
Inabari, I worked alone, Chacana, Juan below.
max = 21 birds. gran 11.

3446 ✓ *Malacoptila fulvogularis* ♂ 220
carmine | black | leaden blue

3447 ✓ *Xiphorhynchus triangularis bangsi* ♀ 230
= 3379 brown | brown blue, bare above rufous
max black | leaden blue

3448 ✓ *Lophotriccus pileatus hypochlorus* ♂ 110
shawn | black, | pale bluish brown

* 3449 ✓ *Myrmotherula* ♀ 107
♀ cinnamon above, uniformly buffy ochraceous below.
brown | black, | flesh below | leaden blue

- 3450 ✓ *Heptopogon superciliaris albidiventris* ♀ 141
gray | black | leaden blue
- 3451 ✓ " " ♂ 145
- 3452 ✓ *Pyrrhomyias cinnamomea* ♂ 131
brown | black | black
- 3453 ✓ *Thamnophilus oroyae* ♀ 160
brown | black, leaden blue below | leaden blue
- 3454 ✓ *Synallaxis* ♂ 165
(= 3343) brown | black, leaden blue below | blue
- 3455 ✓ *Myiobarus verticalis* ♀ 131
brown | black | black
- 3456 ✓ *Thamnistos anabatinus* ♀ 167
brown | black, leaden blue below | leaden blue
- 3457 ✓ *Atlapetes melanocephalus* ♀ 168
brown | black | blackish
- ** 3458 ✓ *Philydor erythrocerus* ♂ 186
See card for description.
brown | black, pink below | brownish blue
- 3459 ✓ " " ♀ 173
- 3460 ✓ " " ♂ 187
- ** 3461 ✓ *Xenicopsoides montanus yungae* ♀ 171
brown | black, bluish pink below | blue
- 3462 ✓ " " ♂ 178
- 3463 ✓ " " ♂ 175
- 3464 ✓ " " ♀ 174

June 12

[80]

3465 ✓ *Thripadectes melanorhynchus* ♀ 220
brown | black | olive horn.

3466 ✓ *Pyriglena leuconota* ♂ 191
carmin | black | blackish

3467 ✓ *Galbula tombacea cyaneiceps* ♀ 220
brown | black | pale olive

3468 ✓ *Chlorochrysa fulgentissima* ♂ 133
brown | black olive

3469 ✓ *Tangara chilensis chlorocerys* T.E. ♂ 153
brown | black | leaden

3470 ✓ *Iridoprocne analis* ♂ 168
brown | pale bluish olive, ridge black | black.

3471 ✓ *Ortalis guttata adspersa* ♀ 495
brown | leaden blue, paler apically | bluish horn

3472 ✓ " " " ♂ 500

3473 ✓ *Crypturus obsoletus punensis* ^{juv} (P) 231
brown | black, flesh below, bluish apically | drab.

** 3474 ✓ *Rupornis nattereri* ♂ 378
yellow | leaden blue basally, black apically | cerise orange
feet yellow

3475 ✓ *Piaya cayana boliviensis* ♂ 458
carmin | olive green, paler apically | leaden

3476 ✓ " " " ♂ 454

3477 ✓ *Ostinops alfredi* ♀ 364
brown | ivory | blackish horn

~~3478~~ *Tangara rufoventris* ♀ 115
(Sh. 2. 3311)

Bella Pampa, June 13

I stayed in to finish up yesterday's birds
& give my son just a chance to heal.
Juan went up Incahuasi river trail.

- 3478[✓] *Rupicola peruviana* ♀ 358
pale bluish white | black | black.
- 3479[✓] " " imm ♂ 374
white | dusky yellow | orange yellow
- * 3480[✓] *Phaethornis guy emilioi* (?) 159
black, salmon red below | blackish
- 3481[✓] *Myiophobus fasciatus* ♀ 136
brown | black, bluish flesh below | black
- 3482[✓] *Tanagra xanthogaster brunneifrons* ♂ 122
brown | black, leaden below basally | leaden
- 3483[✓] *Chlorospingus flavipectus* ♂ 146
pale straw | black | leaden blue
- ** 3484[✓] *Glyphorhynchus ^{spirostris} ~~coronatus~~ bigularis* ♂ 158
brown | black, leaden at base below | blackish brown
- * 3485[✓] *Myiobius villosus peruvianus* (!) ♀ 147
brown | black, flesh below, top black | pale leaden blue
- 3486[✓] *Synallaxis* — ♀ 161
= 3343, red brown | black, leaden below | olive
- ** 3487[✓] *Cniparchus (Campophilus) splendens* ♀ 369
brown | black | black.
- 3488[✓] *Tanagra xanthogaster brunneifrons* ♀ 115
(skin no. 3314.)

Sunday, June 14. Bella Pampa

• Rained nearly all day today. Wash labels, labelled & packed birds, cleaned guns etc.

Bella Pampa, June 15.

Juan went up trail to top ridge & got 9 birds;
I took mule & rode up Quamari to fort Chacana &
then worked up river on foot a long distance,
got back at 12.40 P.M. with birds 20 birds.

- 3489 ✓ *Thripadectes* ♂ 227
brown | black | olive
- 3490 ✓ " ♂ 218
- ** ✓ 3491 *Saltator maximus* ♀ 212
brown | black, leaden below | leaden brown
- 3492 ✓ *Myrmotherula longicauda australis* ♀ 117
brown | black, leaden below | leaden blue
- 3493 ✓ " " " ♂ 112
- * ✓ 3494 *Mitrephanes phaeocercus olivaceus* ♂ 134
brown | black, yellow fl. below | black.
- 3495 ✓ *Myiobius* ♂ 154
(sulphur rump) brown | black, fl. below | leaden
- 3496 ✓ " " ♀ 143
- 3497 ✓ *Synallaxis cabanisi* imm. ♂ 170
brown | black, leaden below | olive
- 3498 ✓ *Thamnophilus olivaceus* ♀ 153
gray | black, leaden blue below | leaden blue
- 3499 ✓ *Troglodytes tchudii* ♂ 113
black | black
- * ✓ 3500 *Microctes striatocollis* ♂ 151
brown | black, dark brown below | leaden blue
- 3501 ✓ *Basileuterus* ♀ 145
(cinnamon crown stripe) brown | black, dusky yellow

- 3502[✓] *Leptopogon superciliaris* ♂ 152
gray | black | leaden blue
- 3503[✓] *Xenicopsoides montanus yungae* ♂ 175
brown | blackish, brown blue below | olive
- 3504[✓] *Xiphothyris triangularis bangoi* ♂ 240
(= No.) brown | brown blue, upper black at base of tip | leaden
- 3505[✓] *Turdus serranus* ♀ 265
brown | black | yellowish brown
- 3506[✓] *Malacoptila fulvogularis melanopogon* ♂ 223
carmine | black | leaden blue
- 3507[✓] *Pipraeidea melanota* ♀ 150
carmine | black, leaden blue below | leaden brown
- 3508[✓] *Eubucca versicolor* ♂ 166
red head; brown | olive green, tip yellowish, ridge dusky | olive
- 3509[✓] " " ♂ 168
- 3510[✓] " " ♂ 176
- 3511[✓] *Ramphocelus atrosoriceus* ♂ 175
red-brown | black, mand. brown; silvery white | black
- 3512[✓] *Tangara punctulata* ♂ 131
brown | black, leaden blue below | leaden
- 3513[✓] *Tangara cyanoicollis* ♂ 139
brown | black | black
- ** 3514[✓] *Tangara xanthocephala lamprotes* ♀ 137
brown | black | leaden blue
- 3515[✓] *Tidornis aialis* ♀ 172
brown | pale greenish blue, ridge black | black
- 3516[✓] *Trogonurus bolivianus* ♂ 254
brown | pale brown blue | leaden
- 3517[✓] " " ♂ 259

Bella Pampa, June 16, 1931

Guano went up trail over ridge & down to Quamblan
& back by Eroga - 8 birds (2 Tringues) I went up
Quamblan river on Sto Domingo side, from that stream up -
got 18 birds.

3518 ✓ *Oreatus amae* ♂ 132
black \ black

** 3519 ✓ *Herpsilochmus axillaris* ♀ 135

Grayish olive above, fulvous dull chestnut; supercilium
(back of front eye) whitish; sides of head gray streaked with white
Wings & tail black; coverts black, all tipped white, growth edged
dull olive; below pale yellow; chest slightly olive; 3 outer
rectrices with broad white ends, inner nearly all white
Inner wing coverts & base of wing pale sulphur
brown \ black, leaden below \ leaden blue

3520 ✓ *Corapheya aurita occidentalis* (3) ♂ 140
brown \ black, white flesh below \ leaden blue

* 3521 ✓ *Cnemotritus precilurus peruanus* ♀ 150
Flycatcher, same as *Hemaphysalis*, common among trees
pale cinnamon breast & belly & tail below
brown \ black \ black.

3522 ✓ *Mionectes striaticollis* ♀ 137
brown \ black, flesh below barely \ leaden

3523 ✓ *Myiadestes* ♂ 183
brown \ black \ brownish black.

3524 ✓ *Xenicopsoides montanus yungae* ♂ 178
brown \ black, olive flesh below \ olive

** 3525 ✓ *Vireolanus (leucotis?)* ♂ 154

Front, lores, supercilium, patch below eye & lower
parts yellow; sides flanks marked with greenish
white fulvous & nap & sides of head (back of eye) bluish
slate gray; Rest above olive green, also edging to
wings & tail.

pale bluish-green \ black, leaden blue below \ leaden blue

3526 *Eubucco versicolor* ♀ 166
(Red Head. red) yellowish green, ridge dusky \ olive

- 3527[✓] *Malacoptila* ♀ 223
sarusi | black | leaden blue
- 3528[✓] " " ♂ 227
- 3529[✓] " " ♀ 228
- 3530[✓] *Turdus nigricaps* ♀ 220
(white belly & streaked throat)
brown | blackish brown, tip pale | yellow
- 3531[✓] *Turdus serrana* ♀ 273
brown | black | brownish yellow
- 3532[✓] *Chlorochrys fulgentissima* ♂ 132
brown | black | dark blue
- 3533[✓] " " ♂ 133
- 3534[✓] *Tangara punctulata* ♂ 130
brown | black, leaden blue below | leaden
- 3535[✓] *Chlorospingus flavipectus* ♂ 153
shallow | black | leaden
- * 3536[✓] *Sporophila luctuosa* ♂ 123
brown | pale leaden blue | black
- 3537[✓] *Spinus olivaceus* ♂ 115
brown | pale brown basally, black apically | black
- 3538[✓] " " ♂ 116
- 3539[✓] *Tangara pulchra* ♂ 155
brown | black | leaden blue
- 3540[✓] *Rupicola peruviana* ♂ 376
white | yellow | yellow
- 3541[✓] " " ♂ 378
- 3542[✓] " " ♀ 368
bluish white | black | brown
- 3543[✓] " " ♀ 371

Bella Pampa, June 17.

2 went down the valley as far as bridge, no birds, & foot
busting, back at 10¹⁵ only 2 birds. Juan went up
main road towards Sagario.

- 3544 ✓ *Serpophaga cinerea* ♂ 117
brown | black | black.
- 3545 ✓ *Myiadestes* ♂ 178
brown | black
- 3546 ✓ *Pyrrhomyia cinnamomea* ♀ 132
brown | black | black
- 3547 ✓ *Pipra caeruleicapilla* ♀ 107
brown | black; leaden below | dark leaden
- 3548 ✓ *Tangara punctulata* ♂ 129
brown | black; leaden below | leaden below
- 3549 ✓ *Tangara cyanicollis* ♂ 135
brown | black | black
- * 3550 ✓ *Pionus tumultuosus* ♀ 276
brown | thin yellow, cere black | blackish
- 3551 ✓ " " ♂ 288
- 3552 ✓ " " ♀ 271
- 3553 ✓ *Momotus septentrionalis chlorolaemus* ♀ 516
red-brown | black | blackish brown
- 3554 ✓ *Trogonorus bolivianus* ♀ 280
brown | yellow, ridge black | pale bluish brown

Sto. Domingo, June 19.

Juan went across creek & up old road (to Loro Hill)
 Went up new carraza & road to No. 4.

3553 ✓ *Turdus serranus* ♀ 277
 brown | black | brown horn

3556 ✓ " " ♀ 281

3557 ✓ *Doryfera ludoviciae rectirostris* ♂ 113
 Hummer - same as Ocongue, green, blue tail & whitish tibial tip
 black | black.

** 3558 ✓ *Todirostrum* (?) 107
 Sides of head & throat cinnamon; crown slate gray, back
 green; chest iridescent, belly white; wings edged green &
 double wing bar of pale yellow.
 brown | black | leaden

* 3559 ✓ *Phylloscartes ventralis angustirostris* (?) ♂ 129
 Flycatcher; olive green above; wings & tail blackish, edged
 olive green; double wing bar of pale sulphur; lower &
 slight supercilium grayish white; below olive yellow,
 belly & crown clear sulphur.
 brown | black; flesh at base below | leaden

3560 ✓ *Synallaxis azarae* (?) (~~tail~~) ♀ 170
 brown | black; leaden blue below | leaden horn

3561 *Thamnophilus melanochrous* ♂ 164
 (# No 3091) hazel | black, leaden black below | leaden blue

3562 ✓ *Hemispingus castaneicollis* ♂ 148
 brown | black | leaden horn

** 3563 ✓ *Compsocoma flavinucha* ♀ 182
 Bolivia: red-brown | black | black.

3564 ✓ " " ♂ 185

3565 ✓ " " ♀ 178

3566 ✓ " " ♂ 184

3567 ✓ " " ♀ 184

3568 ✓ *Myiotheretes striaticollis* ♀ 230
brown \ black \ black.

3569 ✓ *Tangara xanthocephala lamprotes* ♀ 136
Front, lower eye region & nape black; top of head bright reddish orange; malar region yellow; upper throat black back black, streaked with bluish green; rump blue-green tail black, edged blue; wing black covert & quill edges blue green; lower throat & breast bluish green; lower breast belly & crumion buffy ochraceous; sides & flanks blue green brown \ black \ black.

3570 ✓ *Pipraeidea melanonota* ♀ 141
brown \ black, leaden below basally \ leaden blue

3571 ✓ *Eubucco versicolor* ♀ 169
red head sp. red \ olive green, w/ yellowish, ridged dusky \ feet olive green.

* 3572 ✓ *Euchloris frontalis* ♂ 179
(Scarlet throat) olive \ salmon red \ orange red,

3573 ✓ *Autocorynchus canuleicincta* ♂ 433
straw \ leaden blue paler apically \ leaden tan

** 3574 ✓ *Columba plumbea propinqua* ♀ 324
head, neck & crown parts grayish vinaceous; back & wings olive brown gray-shaw \ black \ purplish black.

3575 ✓ " " " ♀ 355

Sto. Domingo, June 20

from ascent up trail to N.E. over ridge to Placer mine. got only 6 birds. I went up foot path above Pautian to top of ridge & back over main road.

3576 ✓ *Myiotheretes striaticollis* ♂ 235
brown \ black \ black.

3577 ✓ *Sporothraupis cyanocephalus* ♂ 195
brown \ black, leaden below \ leaden

3578 ✓ *Synallaxis azare(?)* (tail merged) ♂ —
hazel \ black; leaden below \ leaden below

3579 ✓ " " imm. ♂ 150

3580 ✓ *Doryfera ludoviciae rectirostris* ♀ 105

Summer (common green)

black \ blackish

* 3581 *Thamnophilus melanochrous* ♂ 167

brown \ black \ throat black, rest below ash (black feathers scattered through as though immature) shoulder & sides all counts black, tipped white; wings black, slightly edged with grayish blue; tail black, tipped white & white spot on outer web of outer rectrices

3582 ✓ *Thamnophilus ruficapillus* ♂ 163

barred below brown \ black \ leaden blue

**

3583 ✓

♀ 111

Flycatcher: Bill short & broad basally & rather high at base with curved culmen, something like *Orcestruma*. Paler olive brown, front & eye region decidedly dark cinnamon buff; back olive green; wings & tail black, edged with seal brown; middle of throat whitish; sides of throat, sides of neck, breast, sides & flanks olive; lower throat & belly sulphur; cinnamon buff. brown \ black \ dark brownish olive

3584 ✓ *Atlapetes melanocephalus*

♀ 174

red-brown \ black \ dark brown bar

3585 ✓

"

"

♂ 175

3586 ✓ *Xenopsoides montanus yungae*

♂ 185

brown \ blackish brown, bluish olive below \ olive

3587 ✓ *Myiarchus tuberculifer* (?)

♀ 196

Head black, throat pale ash; back dark olive wings & tail edged with olivaceous, tail with yellowish white

brown \ black \ black

3588 ✓ *Chlorospingus flavipectus*

♀ 147

straw \ black \ leaden blue

3589 ✓ *Pipraeidea melanonota*

♀ 143

brown \ black, leaden below basally \ leaden blue

* 3590 ✓ *Diglossopsis caerulea*

♀ 144

brown \ black \ blackish brown

3591 ✓

"

"

♂ 143

- 3592[✓] *Turdus serranus* T.E. ♂ 283
brown | ^{red}orange | yellow orange
- 3593[✓] *Aulocorythynchus caeruleicinctus* ♂ 438
hazel | leaden blue, paler apically | blue leaden
- 3594[✓] *Phylloscartes ventralis* ♀ 119
(= nr 3559) brown | black, flesh at base below | leaden blue
- 3595[✓] *Lophotriccus pileatus* ♂ 110
(brown crest) straw | black | leaden
- 3596[✓] *Thlypopsis* (?) ♂ 131
(uniform head - same as *leucogaster*)
brown | black, leaden below | leaden blue
- 3597[✓] *Tangara xanthocephalus lamprotes* ♀ 136
(= 3569) brown | black | leaden
- 3598[✓] *Pipraeidea melanonota* ♂ 150
brown | black, leaden at base below | leaden blue
- 3599[✓] *Buarremon poliophrys* ♂ 196
brown | black | blackish horn
- 3600[✓] *Compsocoma flavinucha* ♂ 193
(yellow & blue) brown | black | black.
- 3601[✓] *Turdus nigriceps* ♀ 215
(white belly, streaked throat) same as *Bella Pampa*
brown | black | brown horn
- * 3602[✓] *Diglossa indigotica incaë* ♀ 127
yellow | black | black.
- 3603[✓] " " " ♀ 131
Front, lores & chin black, rest of body bright indigo blue, slightly paler below.

Sto Domingo, June 22.

We both went through mine tunnel to Macho Valley
& worked in the timber roads. I went up valley
& Juan down. Juan got 7 & I got 14 birds.

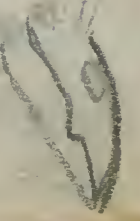
- 3604 ✓ *Synallaxis azarae* ♂ 169
brown \ black, leaden below \ leaden olive.
- 3605 ✓ *Premnoplex brunneiceps stictometus* ♂ 147
brown \ black, flesh below \ dark brown
- 3606 ✓ *Heliodoxa leadbeateri* ♂ 137
Hummer - large green on earth blue crown.
black \ blackish
- 3607 ✓ *Thamnophilus ruficapillus* ♂ 164
red-bazel \ black \ leaden blue
- 3608 ✓ " " ♂ 169
- 3609 ✓ *Mitrephanes phaeocercus olivaceus* ♂ 130
brown \ black, yellow flesh below \ black.
- 3610 ✓ *Pyrrhomyias cinnamomea* ♂ 135
brown \ black \ black.
- * 3611 ✓ *Spodiornis jardinii* ♀ 137
Sharp-billed Sparrow
brown \ black, bluish brown below \ dark brown
- 3612 ✓ *Chlorochrysa fulgentissima* ♂ 132
brown \ black \ olive
- 3613 ✓ *Thripadectes melanorhynchus* (?) 223
brown \ black \ olive
- 3614 ✓ *Xiphothynchus triangularis bangsi* ♂ 254
large sp. pale blue maxilla
brown \ bluish flesh, lower tip of max. black \ leaden
- 3615 ✓ *Diglossa indigetia inca* ♂ 135
yellow \ black \ black
- 3616 ✓ " " " ♂ 133
- 3617 ✓ *Hemispingus castaneicollis* ♂ 153
brown \ black \ leaden blue

- 3618[✓] *Hemispingus castaneicollis* ♀ 142
- 3619[✓] " " ♀ 142
- 3620[✓] *Compsocoma flavinucha* ♀ 183
brown | black | black.
- * * 3621[✓] *Chloroneryx rubiginosa canipellus* ♂ 243
brown | black | leaden
- 3622[✓] *Megiotheretes striaticollis* ♀ 231
brown | black | black.
- * 3623[✓] *Xanthura yncas* ♀ 318
yellow | black | blackish brown

Sta. Domingo, June 23.

Went up to Restrepo above Pantan, got 2
Grallaria there. Then went up carretera to
and back, grass about over road along
new bridge to Sangre de Cristo.

- 3624[✓] *Micnectes striaticollis* ♀ 143
brown | black, pale brown at base below leaden
- 3625[✓] *Todirostrum* ♀ 107
(American throat) brown | black | leaden blue.
- 3626[✓] *Phylloscartes ventralis* ♀ 125
= (3559) brown | black, fluff at base below dark leaden
- 3627 *Doryfera ludoviciana vestirostris* ♀ 109
Humeri: - Green above & below, white tibia tufts,
black | dusky, flesh
- 3628[✓] *Thamnophilus ruficapillus* ♀ 174
hazel | black; leaden blue below | leaden blue
- * * 3629[✓] ♂ 152
"Toothed" Tanager: - Entire upper parts slate gray, except
occiput black; white post-ocular stripe to nape; sides
of head, throat, chin & sides bright chestnut rufous,
breast, belly & crissum white.
brown | black; pale bluish flesh below | leaden blue



** Topotype

- 3630 ✓ *Grallaria albigula* ♀ 212
brown/black, leaden below/leaden blue
- 3631 " " ♂ 223
- 3632 ✓ *Henicortyx leucophrys* ♀ 116
brown/black/dark brown
- 3633 ✓ *Crypturus obsoletus punensis* ♂ 223
brown/black, flesh below, tip dusky/dial.
- 3634 ✓ *Pyrigleria leucorota* ♂ 199
red/black/black
- 3635 ✓ *Turdus serranus* ♀ 272
brown/black/dusky yellow
- 3636 ✓ *Tanager xanthogaster brunneifrons* ♂ 121
brown/black, leaden blue below throat/black
- * 3637 ✓ *Tanager nigroviridis berlepschi* ♀ 131
brown/black, flesh at base below/leaden blue
- 3638 ✓ " *Xanthocephala lamprotes* ♂ 141
= 3569 brown/black/leaden blue
- 3639 ✓ " " ♂ 140
- 3640 ✓ " " ♀ 136
- 3641 ✓ *Eubucco versicolor* ♂ 174
(red head) red/bluish olive, ridge dusky/olive
- 3642 ✓ *Procnopis atricaerulea* ♀ 148
brown/black, leaden blue below/leaden
- 3643 ✓ " " ♂ 139
- 3644 ✓ *Corpsocoma flavinucha* ♂ 193
brown/black, brown blue at base below/black.

3645 ✓ *Diglossa indigotica inca*
yellow \ black \ black.

♂ 130

3646 ✓ *Hypoxanthus atriceps*
brown \ black \ leaden blue

♀ 267

3647 ✓ *Piaya cayana boliviana*
carmine \ olive yellow, darker basally \ leaden

♀ 437

Sto. Domingo, June 24, 1931

I went down the creek, through the canyon, looking for the neotropical birds supposed to be there, but found nothing. Got a *Lochmias* & a *Circus* only. Juan went up main road & got only 5 birds. Very cloudy & threatening rain, rained last night.

3648 ✓ *Basileuterus signatus*
(same as 3065) brown \ black \ dusky yellow

♂ 148

3649 ✓ *Lochmias nematura obscurata*
brown \ black, paler below mesially \ black

♂ 168

3650 ✓ *Circus leucorotus*
brown \ black \ leaden blue, sides black.

♂ 165

3651 ✓
Chestnut Throated Tanager = No 3629
brown \ black, bluish pink below \ leaden blue

♀ 155

3652 ✓ *Spodiornis jardinii*

♂ 135

Sharp Billed Sparrow (= No 3611)

brown \ black, leaden brown below \ dusky brown

3653 ✓ *Diglossopsis caerulea*
red-brown \ black \ blackish

♂ 142

3654 ✓ *Sporothraupis cyanocephala*
brown \ black, leaden blue below basally \ dark brown

♂ 199

Sto. Domingo, June 25.

I went up road to El Carmen, birds very scarce
4 day dark & foggy. Got 8 only. From went down
main trail toward Oroya, got 7 birds.

- 3655 ✓ *Scytalopus* ♂ 124
Probably same as small miniature bird from Acconque.
brown | black | brown horn
- 3656 ✓ *Miorceetes striaticollis* ♀ 139
brown | black, dusky, flesh below rarely | leaden blue
- 3657 ✓ *Thamnocephalus melanocheirus* ♂ 161
brown | black | leaden blue
- 3658 ✓ " " ♀ 158
— | black, leaden blue below | —
- 3659 ✓ *Chlorospingus flavipectus* ♀ 145
reddish above | black | leaden blue
- 3660 ✓ *Hemispingus castaneicollis* ♂ 153
brown | black | bluish horn
- * 3661 ✓ *Boarremia brunneinucha* ♂ 200
brown | black | blackish horn
- 3662 ✓ *Grallaria albigula* ♀ 211
brown | black, leaden blue below | leaden blue
- 3663 ✓ " " ♂ 225
- 3664 ✓ *Delothraupis castaneiventris* ♂ 164
brown | black, leaden blue below | dark leaden
- 3665 ✓ *Didornis anatis* ♀ 174
red. brown | pale bluish above, ridge black | leaden horn
- 3666 ✓ *Euchlornis frontalis frontalis* ♂ 182
yellow | red-orange | orange
- 3667 ✓ *Ostinops atrovirens* ♂ 430
brown | very, bright olive | black
- 3668 ✓ " " ♂ 423
- 3669 ✓ *Columba plumbea propinqua* ♀ 330
bluish white | black | purplish black

São Domingos, June 26.

We both went through the mine to the Macho, I
swapped up & gave down. He got 8 birds & I got 19.
back at 1 P.M.

- 3670 ✓ Thripadectes _____ ♀ 220
brown (black, pale at base below) olive
- 3671 ✓ " " " ♀ 221
- 3672 ✓ Todirostrum _____ ♂ 100
(Cinnamon-throat) brown (black) leaden blue
- 3673 ✓ " " " ♂ 107
- 3674 ✓ Phylloscartes ventralis _____ ♂ 127
(= 3559) brown (black, pink at base below) leaden
- 3675 ✓ " " " ♀ 120
- 3676 ✓ Basileuterus tristriatus _____ ♂ 141
blackish crown, median buffy yellow stripe, white supercilious
brown (black, dusky pink below) yellowish brown.
- 3677 ✓ Syrrhaptes azarae _____ im ♂ 162
hazel (black, leaden below) leaden blue
- 3678 ✓ Pyrrhomyias cinnamomea _____ ♀ 133
brown (black) black.
- 3679 ✓ Delothraupis castaneiventris _____ ♂ 171
red-brown (black, leaden below) dark brown
- 3680 ✓ Xiphothynchus triangularis _____ ♀ 240
brown (pale horn blue, base & tip of max. black) leaden blue
- 3681 ✓ Hemispingus castaneicollis _____ ♀ 145
brown (black, pale at base below) pale leaden brown
- 3682 ✓ " " " ♂ 151
- 3683 ✓ Malacoptila fulvogularis _____ ♀ 240
cinnamon (black) leaden brown

3684 ✓ *Tangara xanthographa lamprotes* ♂ 136
(= 3569) brown | black | leaden.

3685 ✓ " " ♀ 133

3686 ✓ " " ♀ 141

3687 ✓ " " ♂ 143

3688 ✓ *Spodiornis jardirii* ♂ 133
Sharp bellied Sparrow | brown | black, dark horn below | blackish horn

3689 ✓ *Tangara xanthogaster brunneifrons* ♂ 115
brown | black, leaden blue below basally | blackish horn

3690 ✓ " " ♂ 115

3691 ✓ " " ♀ 113

3692 ✓ *Chloronotus rubiginosa* ♂ 242
brown | black | leaden blue

3693 ✓ " " ♀ 240

3694 ✓ *Euchloris intermedia signatus* ♂ 208
hazel | dark crimson | dark scarlet.

Sta. Domingo, June 27.

From west down main road, & I went up over mountain & down to Orquídea Macho, then up road again to end & back to main tunnel. 12 birds each.

3695 ✓ *Adelomyia inornata* ♂ 94
black. | blackish, sides flesh.

3696 ✓ *Psaltidoprymna* ♀ 109
(same as *deconque*) black | blackish

** 3697 ✓ *Euscarthmornis* (?) ♂ 111

Above bright shiny green, wings & tail edged same; lower & eye area white; chin & sides of upper throat black, annular sordid spot below black chin & abdomen white; chest pale ashy gray; cream & green wing coverts

pale yellow, also head & wing
straw | black | dusky horn

3698 ✓ *Myioborus melanocephalus* (?) 147
brown | black | black.

3699 ✓ *Basileuterus tristriatus* (?) 135
(= 3676) brown | blackish, dusky flesh below | pale yellowish horn

* 3700 ✓ *Basileuterus coronatus* (?) ♂ 146
Median crown stripe rufous, bordered by broad black
stripe to nape; median rufous stripe only posteriorly;
lower & post ocular streak black; area between black
crown stripe & post ocular stripe, as well as rest of
side of head, pale ashy gray; throat ashy white,
rest below yellow, chest, sides & flanks olive, washed
yellow; above olive green, wings & tail edged same.
brown | black | pale brown horn.

** 3701 ✓ *Myiophobus flavicans superciliosus* ♂ 130
Flycatcher; Pileum & hind neck olive green, passing
into olive brown on back & rump; wings blackish, inner
coverts olive brown; median & greater coverts tipped & gently
edged with rufous, edges of tips of coverts more or less
concealed yellow patch in crown; sides of head & neck
olive green; wide ring around eye of yellowish white,
throat olive whitish; chest grayish olive, belly pale
yellow. brown | black, dusky, flesh at base below | dark horn

3702 ✓ *Chlorochrysa fulgentissima* ♀ 129
brown | black | olive.

3703 ✓ *Tanagra xanthogaster brunneifrons* ♂ 116
brown | black, leaden at base below | leaden horn

3704 ✓ *Tanagra nigriviridis berlepschi* ♂ 125
brown | black, leaden blue below basally | leaden

3705 " " " ♂ 128

3706 " " " ♂ 128

3707 " " " ♂ 128

3708 " " " ♀ 127

- 3709 ✓ *Diglossopsis caerulea* ♀ 140
red | black | blackish
- 3710 ✓ *Diglossa personata* ♀ 158
(blue, with black riding hood)
brown | black | blackish
- 3711 ✓ *Iridoprocne analis* ♀ 166
brown | pale blue bluish, ridge black | blackish
- 3712 ✓ " " ♂ 175
- 3713 ✓ *Eubucco versicolor* ♂ 170
(red hood) brown | purple, tip yellowish, ridge dusky | olive
- 3714 ✓ *Compsoeca flavinucha* ♂ 184
brown | black, pale brown at base below | black.
- 3715 ✓ " " ♂ 182
- 3716 ✓ *Turdus serranus* ♂ 273
brown | orange, ridge black | yellow, front dark brown
- 3717 ✓ " " ♀ 280
— | blackish | pale brown, yellowish behind.

Sts. Domingo, June 30.

juv went over old road across Cañada below mill.
I went down main road as far as Tungupata branch.
I got 13 - juv 7, including *Tyrannos* + *Eutamias*.

- 3718 ✓ *Adelomyia inornata* ♂ 95
black, dusky flesh
- 3719 ✓ *Leptopogon superciliosus* ♂ 150
gray above | black, pinkish below | leaden
- 3720 ✓ *Coereba mexicana* T.E. ♂ 115
brown | black | leaden
- 3721 ✓ *Chiroxiphia pareola boliviensis* ♂ 140
brown | black | dusky purplish flesh
- 3722 ✓ *Pipraeidea melanimon* im ♂ 153
hazel | black, leaden below | blackish brown

- 3723 ✓ *Buarremon brunneinucha* ♂ 197
brown | black | black.
- 3724 ✓ " " ♂ 200
- 3725 ✓ *Myiadestes* T.M.E. ♂ 187
brown | black^{rupe} | brown below | brown below
- * 3726 ✓ *Entomodestes leucotis* ♂ 257
brown | black, orange below | black.
- 3727 ✓ *Spodiornis jardinei* T.E. ♂ 133
brown | black, black from below | brown from below
- 3728 ✓ *Myiodynastes (tufe) chrysocephalus* ♂ 233
(=Oocorys bird) brown | black | black.
- 3729 ✓ *Eubucco versicolor* ♂ 175
(red head) carmine | pea-green, lip yellowish, base of ridge dusky | olive
- 3730 ✓ " " ♀ 174
- 3731 ✓ *Euchlornis* ♀ 176
(scarlet throat) dusky yellow | black | dusky orange yellow
- 3732 ✓ *Tangara pulchra pulchra* ♀ 145
yellow crown & nape, dark chestnut throat
- 3733 ✓ " " " ♂ 148
- * 3734 ✓ *Nothocercus nigricapillus* ♂ 357
(Probably same as *Huacapistana* bird)
brown | black, dusky flesh below | drab.
- 3735 ✓ *Rupornis magnirostris* (?) ♀ 363
pale hazel | brown blue laterally, black apically | yellow
- ** 3736 ✓ *Amazona mercenaria* ♀ 322
carmine | yellowish laterally, black apically | drab.

July 1 - Packed up & left St. Domingue
at 1 P.M. reached Camp 4 at 5.30 P.M.

La Pampa (on road) July 2
 Shot on Road from No 4 to La Pampa
 most of birds shot on lower half of road.

** ✓ 3737 *Pogonotriccus ottonis* (?) ♂ 124
 Description: Ashy crown, white supercilium; green back,
 brownish green rump; double wing bar of pale buffy yellow;
 wing edged same; below pale yellow, grayish on throat
 & chest. brown | black, bluish horn below | leaden

** ✓ 3738 *Knipolegus cabanisi* ♂ 179
 red | pale bluish white, tip black | black

** ✓ 3739 *Myiobittacus ornatus aureiventris* ? 126
 yellow throat & rump, tail Flycatcher
 brown | black | black

** ✓ 3740 *Arremon nigrirostris* (?) ♂ 175
 brown | black | pale horn blue

** ✓ 3741 *Gymnospiza melanosticta* ♂ 182
 red-brown; skin around eye silvery blue | black, horn blue
 below | leaden blue

** ✓ 3742 *Chlorothraupis carmioli frenata* ♂ 188
 brown | black | leaden blue

** ✓ 3743 *Chloropipo holochlora viridior* ♀ 140
 brown | black, pale brown horn below | dark horn

3744 ✓ *Myiophobus obsoletus* imm ♀ 262
 Same as Bella Pampa
 brown | black, bluish flank below | drab

** ✓ 3745 *Pteroglossus flavirostris* ♀ 368
 red | old ivory, chocolate brown below, bordered front & back
 with yellowish | olive

La Pampa, July 3.
I went down the trail & came up.

- * 3746 ✓ *Cyanocorax violaceus* (?) ♀ 386
brown | black | black.
- * 3747 ✓ *Teretotriccus erythrorus brunneitarsus* (?) 113
brown | black, flesh below | flesh.
- 3748 ✓ *Synallaxis cabanisi* ♂ 169
brown | black, leaden below | olive
- 3749 ✓ *Solateria schistacea subplumbea* imm ♂ 167
Pileum sooty, back seal brown; tail black, wings
black, edged brown & coverts with round spot of
buff at tip; throat ashy white, breast brownish ashy;
& sides & flanks & crissal ferruginous
brown | black, leaden below especially | leaden brown.
- * 3750 ✓ *Vireosylva chivi* ♂ 146
same as Bella Pampa
brown | black, bluish flesh below | leaden blue
- 3751 ✓ *Phylidor erythrocercus* ♀ 176
same as Bella Pampa, ochraceous superciliosus &
throat; buffy ochraceous below, chest slightly olivaceous
rump & tail chestnut; lower back brownish, upper back
olivaceous; fulvous olive.
brown | blackish, bluish brown below | olive
- 3752 ✓ " " " ♂ 195
- * 3753 ✓ *Xiphothynchus chuschoyambó* ♀ 223
Pileum blackish, each feather with elongated oval
spot of ochraceous; nape & back ^{thick} brown with heavy
buffy ochraceous streaks; lower back, rump & upper
tail coverts chestnut rufous; tail dark chestnut
throat plain ochraceous; blackish anal strap. Chest
color of throat, feathers bordered with black; rest
below pale ochraceous brown, faintly streaked with
pale buff; crissal brighter brownish, also streaked
brown | pale bluish brown, base of max. dusky |
- 3754 ✓ *Tangara chilensis* ♀ 162
brown | black | leaden blue

* 3755 ✓ *Tachyphonus rufiventris* ♂ 162
brown | black, mandibular leaden blue | black

3756 ✓ *Pteroglossus flavirostris* ♂ 375
(same as No 3745)

** 3757 ✓ *Pyrrhura* (?) ♀
Pileum sooty, nape bluish; ant. above bright green
superciliary & sides of head green; chin whitish;
lower throat & chest sooty, flattened edged whitish giving
scaly appearance; rest below green; edge of wing scarlet
also outer median & greater coverts; outer primaries blue
on outer web, brown | bluish brown, paler below | black

** 3758 ✓ *Pulsatrix melananta* (?) ♀ 420
Sooty brown above, wings quite faintly barred on
both sides; lateral & central also narrowly barred
whitish; lower superciliary & throat buffy & white
mixed; below barred white & real brown
brown | olive yellow | yellow

3759 ✓ " " ♂ 385
Tail tipped & barred with white

La Pampa, July 4, 1931

Juan went down the road & came back at 11 o'clock with
4 birds. I went up road, back at 10:15 with 16 birds.
Day very dark, foggy & with occasional showers.

** 3760 ✓ (*Tyranniscus*) *Acrochordopus zeledoni* ♂ 118
Pileum grayish sooty; slight eye ring whitish; above
olive green, tail edged same; wings black, coverts
& tertials broadly edged & tipped with sulphur
primaries slightly barred; throat & belly & crissum sulphur;
chest sides & flanks olive yellow; inner wing coverts
sulphur straw | black, leaden below | leaden

* 3761 ✓ *Leptopogon amurecephalus* per. ♂ 141
Brownish pileum & black auricularis = Puerto Rican.
gray-brown | black, extreme base below flesh | leaden blue

3762 ✓ *Basilentornis coronatus* (?) (P) 139
(= 3700?) brown | blackish, dark brownish below | dusky yellow

3763 ✓ *Dysthamnus mentalis* ♀ 123
 (= *Bella Pampa*)
 brown \ black, pale horn blue below \ leaden blue

* 3764 ✓ *Phaeothlypis fulvicauda poliothrix* ♂ 137
 brown \ black \ dusky flesh.

3765 ✓ *Pipra caeruleicapilla* ♀ 107
 ♀ Green green above & on duct; belly & crissal pale sulphur
 brown \ black, blackish flesh below \ dusky horn

3766 ✓ *Thamnophtilus palliatus* ♂ 180
 straw \ black; leaden blue below \ leaden blue

3767 ✓ *Xiphorhynchus ocellatus* ♂ 220
 same as *Bella Pampa* - buff throat, streaked back & under
 parts. brown \ pale horn blue, bare above blackish \ blue

3768 ✓ *Turdus nigriceps* ♂ 218
 ♂ head blackish, rest above slaty, wings & tail blackish
 edged slaty; throat streaked black & white; below ash
 except belly white; crissal slaty, paler broadly
 tipped white, nearly covering dark bar.
 brown - eyelid olive || bill yellow || feet brownish yellow
 This is ♂ & ♀ small species from *Bella Pampa*

3769 ✓ " " ♀ 213
 — \ blackish, mottled with yellowish \ brownish yellow

3770 ✓ *Phylidor erythrocerus* ♂ 188
 — \ brown \ blackish; bluish flesh below \ olive

** 3771 ✓ *Lanio versicolor* ♂ 172
 brown \ black \ leaden black.
 (orange back & white scapular)

3772 ✓ *Chlorothraupis carolinii* ♂ 182
 hazel \ black \ leaden blue

3773 ✓ " " ♀ 176

3774 ✓ *Chloropipo holochroa* ♂ 144
 brown \ black, dusky flesh below \ dark horn
 green plumage.

✓
3775 *Tanagra xanthogaster brunneifrons* ♀ 109
♀ Bony green above, nape & caput greenish gray, breast
sides, flanks & venter yellowish olive, median part
below pale ash, belly buffy ash, vent. whitish
brown (black, leaden below bandy) - leaden

** 3776 ✓ *Eubucco aurantiicollis* ♀ 164
♀ Throat greenish gray, lower throat orange; sides of head
black; chest greenish yellow, rest below streaked
green & white; above olive green, lower black, slight
superciliary whitish; orange stripe from end of supercilium
around anterior to throat; front grayish
red (olive yellow, ridge blackish) (olive

3777 ✓ *Tanagra pulchra pulchra* ♂ 147
orange below; chestnut throat; crown & nape orange.
back black, streaked with greenish yellow
brown (black) leaden

3778 ✓ " *cyaneicollis* ♀ 135
brown (black) leaden

** 3779 ✓ *Pitylus grossus* ♂ 221
brown (pinkish ~~as~~ common) black,
slate blue, throat, front of face & chest black, with
median part of throat white

(3788) con. Tail & wings black, wings edged with
black, coverts with a buffy ochraceous spot at tip
below dark slate; sides of breast, sides, flanks & venter
rich rufous brown

La Pampa, July 5

Rained all night last night & till noon today, hard, then broke away & we went out shooting, quail below (12 birds) & 3 above. soon started to rain again & rained off & on all afternoon. Got back at 4:30, 15 birds, 2 *Tinamus*, 1 *Crypturus*, *Geotrygon* etc.

** 3780 ✓ *Tinamus tao* ♀ 432
brown \ black, flesh below \ leaden blue

3781 ✓ " " ♂ 420

** 3782 ✓ *Oropelia bourcierii* (?) ♂ 315
dusky yellow \ black \ purplish black.
white throat, purple patch on back.

3783 ✓ *Crypturus obsoletus* imm (?) 250
brown \ black, bluish flesh below \ pale drab.

** 3784 ✓ *Hylophylax punctulata* subsp. (?) ♀ 118
breast white, heavily spotted with black; black
above, spotted with buffy white, & wings with white
plum, belly & epineurum ochraceous
brown \ black \ flesh.

3785 ✓ " " ♀ 124

3786 ✓ *Leptotriccus pileatus hypochlorus* ♀ 102
(brown crest) straw \ black, \ pale leaden blue.

** 3787 ✓ *Sclateria schistacea subplumbea* (?) ♂ 162
gray \ black, bluish brown below \ leaden brown
Dark slate above; wings & tail black, edged slate; wing coverts
with a small white dot at tip; below pale slate gray, inner wing
coverts slate.

* 3788 ✓ *Myrmeciza* (?) ♀ 170
gray \ black, pal. brown below apically \ leaden brown
Palium dark seal brown, rest above, same, but browner; tail & wings, black
(see below No. 3779)

** 3789 ✓ *Thamnophilus s. schistaceus* ♂ 151
red brown \ black, leaden blue below \ leaden blue

- * 3790 ✓ *Cercomacra serripes* ♂ 160
brown \ black \ leaden blue.
- 3791 ✓ *Glyphorhynchus spirurus albigularis* ♂ 156
brown \ black, dusky flesh below barally \ blackish brown
- * 3792 ✓ *Cranioleuca* (3) ♀ 153
hazel \ brown blue, large max. blackish \ olive
Head & back plain light buffy brown, wings & tail
cinnamon suffused, tip of quill blackish; under wing
coverts cinnamon ochraceous; below pale buffy brown.
- * 3793 ✓ *Autornis ochrolaemus* ♀ 192
brown \ pale olive yellow, large max. black \ leaden
Above under brown, plum dark, rump brighter; upper tail
coverts & tail bright chestnut rufous; throat & slight eye-line
rich cinnamon ochraceous; rest below ochraceous brown; crummi
tipped ferruginous; under wing coverts & lining of wing bright cinnamon.
- 3794 ✓ *Galbula tombacea cyaneus* ♀ 225
brown \ black \ olive
- 3795 ✓ " " " ♀ 223
- 3796 ✓ *Basileuterus coronatus* ♀ 137
(2) brown \ black, brownish below \ yellowish flesh
- 3797 ✓ *Lania versicolor* ♂ 176
(orange back & white scapulars)
brown \ black \ leaden black.
- 3798 ✓ *Terenotriccus erythrorus* T.M.E. ♂ 106
brown \ black, flesh below \ flesh
- 3799 ✓ *Chlorothraupis carpioli* ♂ 186
brown \ black \ leaden brown
- 3800 ✓ *Pyrhormyias cinnamomea* ♀ 137
brown \ black \ black
- 3801 ✓ *Tanagra xanthogaster brunneifrons* ♂ 115
brown \ black, leaden blue below, tip black \ leaden
- 3802 ✓ " " " ♂ 118
- 3803 ✓ " " " ♀ 113

- 3804 ✓ *Eubucca aurantiicollis* ♀ 160
(same as 3776) red | olive yellow; tip dirty | olive
- 3805 ✓ *Ramphocelus atroseiceus* ♀ 185
brown | blackish brown | leaden brown
- 3806 ✓ *Chlorospingus flavigula* ♂ 165
pale hazel | black, leaden blue below | leaden blue
- Labels written to him

La Parípa, July 6

I stayed in today to skin birds. Juan men up road, back at 12³⁰ with 10 birds.

- 3807 ✓ *Dystharranus mentalis* ♂ 124
brown | black, leaden below | leaden blue
- 3808 ✓ *Myiobius villosus* ♀ 151
sulphur suff - same as Bello Parípa
brown | black, flesh below | leaden
- 3809 ✓ *Basileuterus coronatus* ♂ 150
brown | black | dirty yellow
- 3810 ✓ *Scelateria schistacea subplumbea* ♂ 158
brown | black, pale ventrally below | leaden blue
- 3811 ✓ *Xiphorhynchus ocellatus* ♂ 218
brown | pale brown blue, blackish at base above | dusky below
- 3812 ✓ *Chlorothraupis carinirostris* ♂ 185
brown | black | leaden
- 3813 ✓ *Turdus nigriceps* ♂ 223
slaty back brown | yellow | pale yellow
- 3814 ✓ " " ♀ 218
brown | dirty yellow | dirty flesh
- 3815 ✓ *Tangara pulchra* ♀ 140
chestnut throat brown | black | leaden
- * 3816 ✓ *Electron platyrhynchus* ♂ 364
brown | black, tip flesh | black.

La Pampa, July 7.

Rain again last night & dark & foggy this morning.
Juan went down the trail, & I went up working
along river & in nestrojes, did not go far. 14 birds.

3817 ✓ *Pogonotriccus othonis* ♀ 105
brown \ black, leaden blue below \ leaden

* 3818 ✓ *Microcerculus marginatus* ♂ 133
brown \ black, dusky flesh below locally \ brown color

3819 ✓ *Vireosylva chiri* ♂ 151
(same) brown \ black, bluish flesh below

** 3820 ✓ *Synallaxis maranonica* (?) ♀ 172
Dark brown fulvous & black; wings chestnut rufous &
Tail darker chestnut; below light grayish brown, throat
& abd. whiter & flanks darker brown.
Hazel \ black, leaden blue below \ pale olive brown

3821 ✓ *Scelateria schistacea subplumbea* ♀ 161
♀ Dark ashy brown above, wings & tail black,
wings edged brown, coverts brown on outer webs &
with cinnamon rufous spot at tip; below
bright chestnut rufous, flanks & crissal chestnut brown,
brown \ black, leaden blue below \ leaden brown

3822 ✓ *Cercornis cerva* ♂ 162
brown \ black \ leaden blue

3823 ✓ " " ♂ 166

3824 ✓ " " ♀ 161
♀ brown \ black, bluish flesh below
grayish brown above, concealed white; below bright
cinnamon rufous.

3825 ✓ *Arremon nigrirostris* ♂ 170
brown \ black \ leaden blue

** 3826 ✓ *Dacnis aequalis arcangelica* ♂ 122
Metallic black above, crown, scapulars, rump & upper
tail coverts bright silvery blue; throat breast & sides blue,
middle of breast, abd & crissal white.
yellow \ black, leaden below locally \ leaden

3827 ✓ *Glyptorhynchus spirurus* subsp.
brown | black, pale brown below | dark brown

(P) 148

3828 ✓

"

"

"

♂ 157

* 3829 ✓ *Tangara schranki* T.M.E. ♂ 134

middle of crown, rump & median part of lower throat
chest & upper breast, yellow, rest below green; front
lower & sides of head black; a tuft of greenish feathers in front
of eye; back, black, streaked with green
brown | black, pale brown at base below | leaden

3830 ✓

"

"

♂ 132

3831 ✓ *Turdus nigriceps* ♂ 214
slate above | brown | yellow | yellow

3832 ✓ *Pyrrhura* ♀ 269
(= 3757) brown | blackish brown, pale at base below | black

* 3833 ✓ *Piorus monstrosus* ♂ 287
brown | red basally, blackish brown apically | dirty brown.

** 3834 ✓ *Phaethornis (Pygmaeoris) rober longipennis* ♂ 104
Pileum dusky, washed with coppery; back bronzy green,
rump & upper tail coverts cinnamon; tail bronzy brown
above, darker below, & tipped with ochraceous; tail wedge
shaped, middle feather only 4 mm. longer than next pair.
below buffy ochraceous, black spot on throat; side of
head black, buff supercilious.

3835 ✓ *Terentorincus erythrorus* ♀ 104
brown | black, flesh below | pale bluish flesh

3836 ✓ *Thamnophilus schistaceus* ♀ 157
♀ Light brown above, pileum dull rufous; tail
& wings darker brown; below grayish brown paler
(buffy ochraceous in abd. & crissum) + darker on
chest & flanks
red | black, leaden blue below | leaden blue

3837 ✓ *Cercamaera serva* ♀ 156
see no. 3822

- 3838 ✓ *Tachyphonus rotiventris* ♂ 165
brown \ black, round rump leaden blue \ black
- 3839 ✓ *Lanio versicolor* ♀ 171
— \ black \ leaden black.
- * 3840 ✓ *Cranioleuca gutturata* (P) T.M.E. ♂ 162
brown above, pileum rufous; tail cinnamon, rump
rufous, brown on girth; yellow chin & superciliary
side of head & neck & lower part rufous, throat
finely speckled with black, less so on breast & abd.
yellow \ blackish, dull brown below \ yellowish olive
- 3841 ✓ *Tangara schranki* ♂ 132
(= No 3829) brown \ black, \ leaden blue
- 3842 ✓ " " ♂ 143
- 3843 ✓ *Turdus nigricaps* ♂ 210
(slate color) brown \ ^{dusky} yellow (clear brown)

La Prunice, July 8

First sunny day since we arrived, except the
first forenoon. General went down the trail - up back
I went up, nearly to No 11. got 25 birds, back at 12¹⁵.

- 3844 ✓ *Hylophylax punctulata* (subsp.?) ♀ 120
brown \ black \ plum.
- 3845 ✓ " " " ♀ 124
- 3846 ✓ " " " ♀ 120
- 3847 ✓ " " " ♂ 123
- 3848 ✓ *Dysithamnus mentalis* ♂ 127
brown \ black, leaden below \ leaden blue
- 3849 ✓ " " " ♀ 128
— \ — ; bluish flesh below \ —

** 3850 ✓ *Polyplaneta aurescens* ♂ 119
 Nimmer; green above & below; front of pileum with wedge
 shaped glittering blue spot; lower upper throat black; broad
 band of golden cinnamon across breast; tail purplish chestnut
 tipped green; middle rectrices green
 black \ dark horn

3851 ✓ *Thalassidroma tectudii* ♀ 106
 black \ dusky flesh

* 3852 ✓ *Myrmoderus hemimaleanus* ♂ 130
 brown \ black \ leaden blue

3853 ✓ " " ♀ 131

3854 ✓ *Scelateria schistacea subplumbea* ♂ 165
 brown \ black, dark leaden brown below \ leaden brown

3855 ✓ " " ♂ 166

3856 ✓ " " ♀ 164

3857 ✓ *Thamniastes arabatinus rufescens* ♂ 160
 hazel \ black, bluish flesh below \ bluish olive

* 3858 ✓ *Leucolepis modulator salvini* ♀ 136
 barred wing & tail, chestnut throat
 brown \ black; flesh below markedly \ dark horn

** 3859 ✓ *Pogonotriccus orbitalis* T. M. E. ♂ 117
 Pileum ashy gray; eye ring pale yellow; double wing bar of
 yellow; green above, yellow below, olivaceous on chest.
 brown \ black, flesh below \ leaden blue

3860 ✓ *Leptopogon superciliaris* ♀ 143
 brown \ black \ leaden blue

3861 ✓ *Myiobius villosus* ♀ 148
 sulphur wing brown \ black; flesh below \ leaden

3862 ✓ *Tachyphonus rufiventris* ♂ 160
 brown \ black, mand. rami leaden blue \ dark leaden

3863 ✓ *Myiobrycon ornatus* ♀ 134
brown | black | black

3864 ✓ " " ♀ 131

3865 ✓ " " ♂ 132

3866 ✓ *Vireolanus leucotis* (?) ♂ 154
greenish yellow | black, leaden blue below | leaden blue

3867 ✓ " " ♀ 155
greenish gray | ——— | ———

3868 ✓ *Turdus nigriceps* ♀ 216
brown | blackish | brown brown

3869 ✓ *Phylidor erythrocerus* ♀ 172
(cinnamon ochraceous throat)
brown | blackish, dusky flut below | olive

3870 ✓ *Automelos ochrolaemus* ♀ 205
brown | black, yellowish down below | olive

* 3871 ✓ *Tyrannetes stolzmanni* ♀ 96
Little Green Flycatcher, straw | black, bluish flut below | leaden

3872 ✓ *Chlorothraupis cardinalis* ♂ 191
hazel | black | leaden blue

3873 ✓ " " ♀ 176

** 3874 ✓ *Tangara* (3) (not on list.) ♀ 122
Whole head neck, throat & chin green, ^{center of} feathers
black, edges green; on throat yellowish green & on back
bluish green edgings; rump & upper tail coverts plum
olive green; tail & wings black, tail edged blue green,
wing coverts & tertials heavily edged blue green; preman-
chins; sides & flanks olive green, breast belly & vent
bright yellow; under wing coverts white, lower
tipped yellow
brown | black, brown blue below | leaden blue

3875 ✓ " " ♀ 124

3876 ✓ *Tangara schianki* ♂ 136
brown | black, leaden blue basally below | leaden blue

3877 ✓ *Chloropipo holochlora viridior* ♂ 142
brown | black, pale horn below | dusky horn

3878 ✓ *Pipra caeruleicapilla* ♂ 104
brown | black, leaden below | blackish horn

3879 ✓ *Tanagra xanthogaster brunneifrons* ♂ 128
brown | black, horn blue at base below | dark leaden

** 3880 ✓ *Cephalopterus ornatus* ♀ 455
white | black, leaden blue below | black

** 3881 ✓ *Trogonurus bolivianus?* not in list ♂ 266
brown | pale horn blue | dark horn.

* 3882 ✓ (see descr. below) *Scapanus trachelopyrus* ♀ 345
white | pale whitish horn, ridge dusky | leaden blue

(3881) Fore eye region & upper throat black, rest of head & chest purplish; back bronze green, rump bluish green; tail rusty green above; wings black, median greater coverts & quills with broken white edgings; lesser coverts & tertials finely vermiculated with white on black base; red below; Tail black, two outer rectrices regularly banded on outer web with white & with white tip, also narrow short white bar on edge of inner web.

La Pampa, July 9.

Cloudy & misty this morning. I stayed in to skin rest of yesterday's birds (14) & Juan went down the trail. Sun came out about 9 o'clock for a half hour, then clouded up again.

3883 ✓ *Pogonotriccus orbitalis* T.M.E ♂ 117
(= No 3859) brown \ black, flush below \ leaden

3884 ✓ *Myrmotherula longicauda australis* imm ♂ 117
brown \ black, bluish flush below \ leaden blue

3885 ✓ *Vireosylva chiri* ♂ 146
brown \ black, bluish flush below \ leaden blue

3886 ✓ *Automolus ochrolaemus* ♂ 203
brown \ olive yellow, ridge blackish \ olive

3887 ✓ *Xiphorhynchus ocellatus* ♀ 211
brown \ pale brown, blackish at base, below bluish flush \ olive leaden

3888 ✓ *Chlorothraupis coronoli* ♂ 184
brown \ black \ leaden blue

3889 ✓ *Tangara schranki* ♂ 135
brown \ black, flush at base below \ leaden blue

3890 ✓ " " ♀ 141

**
3891 ✓ *Corocopus melanurus* ♂ 322
brown, eyelid salmon \ orange yellow \ brownish brown

3892 ✓ *Cyanocorax violaceus* ♂ 365
brown \ black \ black.

3893 ✓ " " ♀ 320

La Pampa, July 10

Up early - breakfast at 5³⁰. Juan went down below 14 birds.
I went up above & got 29. back at 12³⁰.

- * 3894 ✓ *Eurypyga meridionalis* ♀ 470
brown | orange, ridge black | dusky orange red.
- 3895 ✓ *Hylophylax punctulata* subsp? ♂ 125
brown | black | flesh.
- 3896 ✓ " " " ♀ 125
- 3897 ✓ *Dysthamnus mentalis* ♂ 132
brown | black | leaden blue
- 3898 ✓ " " " ♀ 126
- 3899 ✓ — | black, pale horn blue below | — ♀ 125
- * 3900 ✓ *Myrmotherula erythrura* ♀ 122
brown above with chestnut patch on back.
brownish strain | black | leaden blue
- 3901 ✓ *Leucolepis modulator salvini* ♀ 141
barred wings & tail | brown | blackish, flesh below barbed | dark horn
- 3902 ✓ *Myrmoderus heinrichlaevis* ♂ 129
brown | black | pale leaden blue
- 3903 ✓ *Pogonotriccus orbitalis* T.M.E. ♂ 120
(same as 3859) brown | black, flesh below | leaden blue
- ** 3904 ✓ *Microarkopias quixensis bicolor* ♂ 142
♂ black, with white shoulder tips to wing coverts; throat outer
rectrices largely white. ♀ black above, chestnut below
brown | black | leaden blue
- 3905 ✓ " " " ♀ 138
brown | black, sides leaden blue | leaden blue
- 3906 ✓ *Cercomacra sericea* ♂ 158
brown | black | leaden blue
- 3907 ✓ " " " ♀ 156
— | black, flesh below | —

3908 ✓ *Arremon nigrirostris* ♀ 158
brown \ black \ bluish flesh.

* 3909 ✓ *Thamnomanes caesus schistogynus* ♂ 162
brown \ black, bluish brown at base below \ dark leaden,
dark slate above, pale slate below; concealed
white on back, no marks on wings or tail; greater under
wing coverts whitish.

3910 ✓ " " " ♀ 161
♀ like ♂, except entire brown patch, from throat down,
chestnut rufous.
brown \ black, flesh below \ leaden blue

3911 ✓ *Scelateria schistacea subplumbea* ♂ 172
brown \ black, leaden blue below, base black \ leaden

3912 ✓ " " " ♂ 170

3913 ✓ " " " ♀ 165

3914 ✓ *Myiobrycon ornatus* ♂ 142
brown \ black \ black,

* 3915 ✓ *Picumnus aurifrons* ♀ 95
Whole plumage black, thickly dotted with white;
rest above olive; tail black; middle rectrices white on
inner web & rest with white band on outer web
which ends across outer inner web before tip is reached,
leaving tip black; throat olivaceous white, chest barred
with black & olivaceous white, rest below same color,
streaked with black; under wing coverts & inner
edges of quills below buffy white.
brown \ leaden blue, ridge & tip black (≡) \ leaden

3916 ✓ *Psaltria melanocrota* ♂ 405
brown \ olive yellow \ dark yellowish

** 3917 ✓ *Tachysylvia* (3) ^{new} descrip. ♂ 136
Crown & nape grayish brown; back brownish olive
wings & tail olive; throat white, rest below yellowish olive
brown \ blackish, flesh below \ dark leaden

* 3918 ✓ *Hypocnemis flavescens subflava* ♂ 137
 black plum, with white supercilious median stripe, yellow
 below, black, tuff, short slightly, somewhat with black
 wing coverts black, tipped white. - Perene.
 brown \ black, blackish flut below \ olive

3919 ✓ *Eubucco aurantiicollis* ♂ 160
 ? Plum dark cinnamon, followed by narrow sulphur band
 chin cinnamon, throat breast with yellow band followed by
 orange yellow, & chest orange, scarlet; green above, below
 like ♀ red \ olive yellow \ leaden olive.

3920 ✓ *Dacnis angelica arcangelica* ♂ 129
 (blue & black) yellow \ black, leaden below \ dark leaden

* 3921 ✓ *Autornolus rubiginosus watkinsi* ♂ 228
 front dark brown, rest of plumage dark chestnut
 rufous; auricular brown, rest of sides buff & sides
 with cinnamon rufous; throat pale cinnamon, feathers
 slightly edged with dusky; back & wings dark ash brown
 rump & tail chestnut; wing coverts & lining
 of wing (except tip of primary) pale cinnamon;
 below olive brown, sides flanks dark brown, longer
 under tail coverts ferrugineous
 brown \ blackish, cinnamon flut below \ olive

3922 ✓ *Tachyphonus rufiventris* ♂ 168
 brown \ black; leaden below, tip black \ black

3923 ✓ *Glyptothorax spiratus* ♂ 166
 brown \ black, pale brown below \ dark brown

3924 ✓ *Albula tamaracca* ♀ 233
 brown \ black \ dirty olive yellow

3925 ✓ *Picolaptes* ♂ 225
 brown \ pale bluish brown, ridge dusky \ leaden

3926 ✓ " " ♀ 221

3927 ✓ *Chlorothraupis carinirostris* ♂ 190
 brown \ black \ leaden brown

3928 ✓ " " ♂ 180

3929 ✓ " " ♂ 192

3930 ✓ *Tangara* ————— ♂ 130.
(= 3874) brown | black, under turn below | leaden

3931 ✓ " *Schranki* ♂ 147
brown | black, paler brown at base below | base blue.

3932 ✓ " " ♀ 145

3933 ✓ " *Cyanicottis* (?) ♂ 144
whole head pale carmine blue, throat & back black.
lower wing coverts & rump showing tawny brown; lower
throat & sides dark blue, crimson black, tipped green
brown | black | leaden

3934 ✓ " " ♀ 137

3935 ✓ *Tangara xanthoxaster* ♀ 116
common brown | black, leaden below | leaden brown

** 3936 ✓ *Pyrrhura picta luciani* ♀ 250
throat & eye region scarlet, below dark brown, back
green, primary edge blue; lower back & rump dark
crimson; sides of neck & throat "scaly"; feathers dark,
edged yellowish olive; below olive green, middle of
breast & belly crimson; crimson green; tail green
above scarlet, rest dark crimson red,
brown | blackish brown | black

La Pampa, July 11

3937 ✓ *Galbula tombacea* ♂ 232
brown | black, dusky olive yellow

3938 ✓ *Myiostictus ornatus* ♀ 126
brown | black, | black.

I did not go out today at all. We both skinned
birds till about 2 P.M., then I wrote up all
the labels to date & Juan went out shooting
at 3 P.M. - only 2 birds.

La Pampa July 12.

Joan stayed in today to label birds, I
went down the valley - back at 12²⁰ with
16 birds.

- * 3939 ✓ *Heptoptila ~~retaxilla~~ dubosi* ♂ 287
gray | black, | pinkish blood
- 3940 ✓ *Pteroglossus flavirostris* ♀ 370
red | old ivory, throat black; below pale brown, yellowish
basally & apically | olive
- * 3941 ✓ *Myiotherula ~~surinamensis~~ brachyura* ♂ 90
brown | black, bluish flesh below | olive
- 3942 ✓ *Acrochordopus (=Tyranniscus) zeledoni* ♀ 108
brown | black, leaden below | dark leaden
- 3943 ✓ *Hypocnemis flavescens subflava* ♂ 124
brown | black, pale horn blue below | olive yellow
- 3944 ✓ *Hylophylax punctulata* ♂ 128
brown | black | flesh
- 3945 ✓ " " ♂ 127
- 3946 ✓ *Arremon nigrirostris* ♀ 157
brown | black | pale bluish flesh
- 3947 ✓ *Synallaxis maranonica (?)* ♂ 170
brown | black, horn blue below | pale leaden blue
- 3948 ✓ " *cabanisi* ♀ 166
red-brown | black, leaden blue below | leaden olive
- 3949 ✓ *Thamnomaros caesus* ♂ 158
brown | black | leaden black.
- 3950 ✓ " " ♀ 154
— | black, pale horn below | leaden black.
- 3951 ✓ *Vireosylva chivi* ♂ 143
brown | black, bluish flesh below basally | leaden

- 3952 ✓ *Xyphorhynchus chuncho tambo* ♂ 216
brown | pale bluish flesh, blackish basally above | olive
leaden
- 3953 ✓ *Chloropipo holochlora viridior* ♀ 137
brown | black, pale cream below | dusky, brown
- 3954 ✓ *Tangara pulchra* ♂ 147
brown | black | leaden

Huacamayr, July 14.

[101]

Juan went down trail across bridge - 11 birds.
I went on track into forest on opposite side of river

- ** 3955 ✓ *Todirostrum pulchellum* (?) 107
Black above, wing coverts with long yellow tips &
tertiary edged pale yellow. Iliac white, yellow below
brown | black | leaden blue
- ** 3956 ✓ *Todirostrum chrysocrotaphum* ♂ 95
Plumage above black, wide yellow postocular supercilium,
rest above olive; tail & wings black, edged olive; below
entirely yellow
brown | black | leaden
- 3957 ✓ *Pogonotriccus orbitalis* T.M.E. ♀ 118
brown | black, flush below | pale bluish flush
- 3958 ✓ *Myiophobus fasciatus* ♀ 125
brown | black, flush below | black
- 3959 ✓ *Myrmotherula ~~serripes~~ brachyura* ♂ 91
brown | black, flush below | olive
- * 3960 ✓ *Micropates cinereiventris peruv.* - ♂ 115
~~*Ramphoceros melanurus amazzoni*~~
brown | black, flush below | leaden blue.
Side of head chestnut, throat white; sides below
- * 3961 ✓ *Myrmotherula atrogularis* ♀ 116
♀ Throat black, feathers tipped grayish white.
brown | black, leaden below | pale leaden blue
- 3962 ✓ *Myrmotherula ~~atrogularis~~ erythrura* ♂ 122
chestnut back,
brown | black, sides (tarsus) leaden | leaden
- 3963 ✓ " " ♂ 124
- 3964 ✓ *Basileuterus coronatus* T.M.E. ♂ 132
brown | black | brownish flush
- * 3965 ✓ *Myrmoborus myiotherinus* melanops (?) ♂ 139
and Loomis's Grayish brown above, sides of head black, grayish
white below, wing coverts black, tipped white
brown | black | leaden blue

3966 ✓ *Myiodesetes melanochlamys* ♂ 130
brown | black | leaden blue

3967 ✓ ———— ; leaden blue basally, | bluish flesh ♀ 126

3968 ✓ *Vireosylus chiri* ♀ 138
brown | black, bluish flesh below, upper dark, leaden blue

3969 ✓ *Cranioleuca gutturalis* ♀ 160
head speckled throat & chest, yellow chin, chestnut
crown | brown | blackish, pale brown below | olive

3970 ✓ *Xiphothynchus collatus* ♂ 221
brown, pale brown blue, long max. blackish | dark brown

* 3971 ✓ *Automolus* ♂ 206
dark brown above, rump & tail chestnut; throat
cinnamon ochraceous, chest buffy brown, mottled,
buffy brown below, cinnamon tipped rump
brown | blackish, olive yellow below | olive

* 3972 ✓ *Thripadectes* (?) ♂ 194
sooty brown above, ochraceous shaft streaks, & shaft
of feathers pale; rump & tail chestnut; upper throat
ochraceous; lower throat & chest olive brown with
ochraceous center to feathers; below buffy brown; cinnamon
cinnamon
brown | blackish, yellowish olive below anteriorly, |
dark olive

3973 ✓ *Warbia versicolor* ♀ 166
brown | black | dark leaden

3974 ✓ *Tangara schranki* ♀ 138
brown | black, leaden blue below | leaden blue

** 3975 ✓ *Artrosteres* ♂ 223
brown | black | pale brown

3976 ✓ tail buffy paired
" " " ♀ 250
♀ banded below

3977 ✓ *Galbula tombacea* ♂ 223
brown | black | olive yellow

* 3978 ✓ *Tripsurus creentatus* ♂ 208
 Woodpecker; throat & upper parts black, buffy yellow
 post ocular stripe; red patch on breast & belly
 yellow | black | olive

3979 ✓ " " ♀ 205

3980 ✓ *Scapornis trachelopyrus* ♂ 350
 yellow | pale bluish brown, ridge dusky | dark
 olive brown

** 3981 *Neornorphus goettroyi* ♂
 Big lichen
 brown

Huacamayo, July 15.

I went into forest over bridge at tranca, birds very
 scarce & luck bad. Juan went down along road. - 11 birds.

3982 ✓ *Myrmotherola erythra* ♀ 123
 chestnut back brown | black, toninae leaden | leaden blue

3982 ~~See~~ See list 4020
 ♀ 123

** 3983 ✓ *Euscarthmornis* T.M.E ♂ 129
 dull olive above, grayish brown on sides of head, sides of neck,
 chest, sides & flanks, throat whitish also belly, crown
 buffy yellow; edge of head of wing & under coverts bright
 sulphur brown | black, flesh below | pale leaden blue
 → lower white.

3984 ✓ *Thamnophilus* ♀ 153
 ♀ Rufous cap, dark brown above; wings brown & tail
 below brownish ochraceous, bright on belly & dark on
 breast & sides. hazel | black, leaden blue below | leaden blue

3985 ✓ *Microcerculus marginatus* ♂ 127
 brown | black, dusky flesh below especially | dark brown

** 3986 ✓ *Pachysylvia ochraceiceps viridior* (?) ♂
 Crown dull rufous, rest above olive; throat grayish
 white; chest yellowish olive, abd. grayish white,
 underparts washed with yellowish,
 white | blackish, flesh below | bluish flesh

3987 ✓ *Pachysylvia* ♂ 128
same as No. 3912.
brown (blackish) brown, flesh below (lead blue)

3988 ✓ *Myiophobus fasciatus* ♂ 140
brown (black, flesh below) black

3989 ✓ *Muscisaxicola fluvitialis* ♂ 141
brown (black, flesh below largely) black

** 3990 ✓ *Neochelidon griseiventris* (?) 133
Swallow: Sooty above, wings blackish, also tail; below
pale sooty; tibiae white. rump pale grayish brown

3991 ✓ *Stelgidopteryx ruficollis* ♂ 146
brown (black) black.

** 3992 ✓ *Grallaria* (?) (not in list) ♂ 156
brown (black, flesh below largely) pale leaden bl.
Entire upper part rich olive brown; wings brownish
below white, chest feathers broadly edged with
light brown; flanks gray, crissum brown
under wing coverts bright cinnamon ochraceous.

* 3993 ✓ *Colonia ^{color. superciliaris} ~~tenax~~* T.M.E. ♂ 290
brown (black) black.

3994 ✓ *Tachyphonus rufiventris* ♂ 163
brown (black, leaden blue on mand. ram.) black

* 3995 ✓ *Myrmeciza fortis* ♂ 191
Black and throat, naked blue eye ring - yellow.
red-brown (black) black.

** 3996 ✓ *Philydor ruficaudatus* ♂ 184
olive olive, tail cinnamon, dorsal yellow
below buffy yellowish brown, flanks brown
under wing coverts bright ochraceous.
brown (blackish) pale olive brown below (olive).

3997 ✓ " " ♀ 175

3998 ✓ *Turdus nigricaps* ♂ 206
brown (dusky, yellow) dusky yellow

3999 ✓ *Tangara chilensis*
brown | black | leaden

♀ 152

4000 ✓ *Crypturus obsolatus* T.E. ♂ 273
brown | black, bluish flesh below | drab

4001 ✓ *Crtalis guttata adspersa* ♀ 490
177 brown | leaden blue, bare blackish | leaden drab

Huacamayo, July 16

Rained all night last night & till 8:30 AM today. We went out at 9 AM. - left down the river. I stopped at resting place & got 17 birds. Juan went on down trail - got 8

* 4002 ✓ *Clais guimeti* ♂ 90

Hummer: blue brown & blue throat; green above, chest grayish green, rest below pale gray; tail below drab green with broad steel blue ends, slight white tip black | blackish

** 4003 ✓ *Agrytria* ♀ 100

green above, rump & tail coppery bronze; median line of body below white, sides green; tail below bronzy copper, tips grayish white on 3 outer rectrices. black, flesh below, tip black | black.

** 4004 ✓ *Florisuga mellivora* ♂ 130
black | black.

4005 ✓ *Dys Hypocnemis flavescens* (3) ♀ 131
brown | black, blunt flesh below | yellowish olive

* 4006 ✓ *Myiochanes* ♀ 144
body gray above, pelican rusty; wings & tail blackish, throat bluish slightly edged whitish; breast grayish white, chest brownish drab, belly yellowish white, crissum white.
brown | black, flesh below | black.

4007 ✓ *Synallaxis maranonicus* ♀ 167
hazel | black, leaden blue below | leaden blue

- ✓
 4008 ✓ *Atomolus ochroleucus* ♂ 201
 (= no 3971) - brown | blackish, olive yellow below | olive
- *
 4009 ✓ *Bucco (Argicus) macrodactylus* ♀ 170
 crown chestnut, back brown, slightly spotted ochraceous
 upper throat pale ochraceous, lower throat white; sides of
 throat band across middle of throat black; below
 buffy, speckled with blackish
 brown | black | leaden blue
- 4010 ✓ " " " " ♂ 165
- *
 4011 ✓ *Taraba major melanurus* ♂ 218
 carmine | black | leaden blue
 black above, white below, wing coverts tipped
 white.
- 4012 ✓ " " " ♀ 212
 ♀ chestnut above, wing coverts plain
 — black, leaden blue variably below —
- 4013 ✓ " " " ♀ 215
- *
 4014 ✓ *Pachyrhamphus polychropterus niger* ♂ 167
 whole body black, crown metallic; wing coverts
 tipped white, also tail; iris brown speckled with white
 brown | leaden blue | leaden blue
- 4015 ✓ *Pitylus fuliginosus* ♂ 227
 brown | dark scarlet | blackish brown
- ✓
 4016 *Tangara cyaneicollis* ♀ 135
 brown | black | leaden blue
- 4017 ✓ " *chilensis* ♀ 154
 brown | black | leaden blue
- 4018 ✓ " " ♀ 162
- ✓
 4019 *Todirastrom pulchellum* ♂ 105
 black above, white throat, yellow below
- ✓
 { 4020 } *Microtopia quixensis* (?) ♀ 138.
 { = 3982a } brown | black | leaden blue

4021 ✓ *Muscisaxicola fluvitalis* ♀ 142
brown \ dusky, flesh below \ black.

4022 ✓ *Synallaxis maranonica* ♀ 155
hazel \ black, leaden blue below \ prob leaden blue

** 4023 ✓ *Xenops tenuirostris* ♀ 124
streaked white below
brown \ black, flesh below \ leaden

4024 ✓ *Pyrocephalus rubinus* (?) ♀ 145
grayish brown above, throat gray; below white, heavily
streaked with rusty; vent orange yellow, wing coverts
tipped & tertials narrowly edged with white.

4025 ✓ *Pachyrhamphus polychraterus niger* ♀ 163
♀ of no. 4014 - brown above, yellowish below, tip of
rump fulvous; wing edged with cinnamon fulvous.
brown \ black, thick flesh below \ leaden

4026 ✓ *Pteroglossus flavirostris* ♀ 325
(same sp.)

Huacana, July 17.

Rain again last night. Went out at 7 AM & rain started
at once, returned to house till 9 AM. Went out again
till noon, but drizzling rain all morning.
birds very scarce. I got 5 - young 6.

4027 ✓ *Leptoptila rutaxilla* ♀ 270
brown \ black \ purplish black

4028 ✓ *Pogonotriccus atterius orbitalis* ^{T.M.E.} ♂ 120
brown \ black, flesh below \ leaden blue

4029 ✓ *Acrochordopus zelandicus* ♂ 115

Tyranniscus straw \ black, leaden below \ leaden

4030 ✓ " " ♂ 113

4031 ✓ *Thamniophilus schistaceus* ^{imm.} ♂ 148
gray-brown \ black, leaden below \ leaden blue

4032 ✓ *Thamnomystax caesus* ✓ ♂ 156
brown | black | leaden

4033 ✓ *Myrmoborus myiothericus melanotarsus* ♀ 141
Ant. black; Seal brown above, wings & tail black,
remiges & rectrices edged with brown, wing coverts
largely tipped with buffy ochraceous; back & sides
head & sides much black; throat white, with a
narrow broken black collar around brown edge; neck
below buffy ochraceous
brown | black, horn blue below | leaden blue

4034 ✓ *Neochelidon griseiventris* ♀ 135
brown | black | blackish horn.

* 4035 ✓ *Atticora fasciata* ♀ 156
Swallow; Black below with white band across
throat brown | black | blackish

4036 ✓ *Coccyba mexicana* (ovary developed) ♀ 111
brown | black | leaden

4037 ✓ *Tarabacca major melanurus* ♀ 210
carmine | black, leaden below locally | leaden blue

Huacanaayo, July 18.

Cloudy this morning. I went about 3 miles down
trail & got caught in terrific rain about 11 o'clock, got
15 birds. Juan went down also. got 7 birds with Cray.

** 4038 ✓ *Mitua mitua* ♀ 895
96 brown | salmon scarlet | yellowish salmon

** 4039 ✓ *Myrmotherula axillaris melana* ♂ 173
brown | black | leaden blue

4040 ✓ " " " ♀ 116
— | bluish flesh below | —

4041 ✓ *Myrmotherula brachyura* ♂ 125
brown | black, lower leaden | leaden blue

4042 ✓ *Pogonotriccus orbitalis* T.M.E. ♂ 119
brown | black, flesh below | pale leaden blue

4043 ✓ *Hylophylax* _____
same as *halangeta*, brown | black | flesh

4044 ✓ *Thamnophilus schistaceus* (?) ♀ 147
hazel | black, leaden blue below | leaden blue

4045 *Myrmoborus myiotherinus* ♂ 141
Ant. throat = ♂ of 4033 brown | black | leaden blue

** 4046 ✓ *Sublegatus modestus* (?) 138
brown | black | black

4047 ✓ *Pachysylvia ochraceiceps viridior* (?) 123
white | black, bluish flesh below | pale leaden blue

* 4048 ✓ *Formicarius analis* ♂ 198
brown | black | pale horn

** 4049 ✓ *Mackenziaena unduliger* (?) ♀ 248
straw | black, bluish flesh below | pale leaden blue

* 4050 ✓ *Xiphothynchus obsoletus palliatus* ^{T.E.} ♂ 242
brown | blackish, bluish flesh below | leaden blue

4051 ✓ " " " ♀ 222

4052 ✓ *Autornolus ochrolaemus* ♂ 199
brown | blackish, olive yellow below | olive

* 4053 ✓ *Dacnis cayana glaucogularis* ♀ 133
red | black, flesh below basally | brownish flesh.

* 4054 ✓ *Tangara gyroloides catherinae* ♂ 144
brown | blackish horn, pale horn below | leaden blue

** 4055 ✓ *Megarthynchus pitangua* ♀ 235
brown | black | black

* 4056 ✓ *Cissops leveriana minor* ♀ 276
yellow | black | black.

* 4057 ✓ *Chrysocoria* (?) ♂ 109
crown blue, back green, Tail & upper coverts shining coppery
glittering blue-green throat, lower bronze green, crown coppery
edged gray black, flesh below black

38 new

4058 ✓ *Glyphorhynchus spirurus* ♀ 144
brown \ black, pale brown below \ leaden

Huacamayo, July 19.

Rained hard again last night & nearly all forenoon.
finally at 11 o'clock we went out a little sun, then
clouded up & rain again about 3 P.M. I went
down to Chacara & then down trail, got 10 birds.
gran went up, got 7, but 2 no good.

4059 ✓ *Cercomacra serena* ♂ 152
brown \ black \ leaden blue

4060 ✓ " " ♂ 160

4061 ✓ — "black, flesh below" — ♀ 150

4062 ✓ *Microbatas cinereiventris* ♂ 120
brown \ black, bluish flesh below \ leaden blue.

4063 ✓ *Myiotherula atrogularis* ♂ 121
brown \ black, leaden blue below \ leaden blue

4064 ✓ *Phrygopodius cantator* ♂ 160
brown \ black, leaden blue below \ dusky brown

4065 ✓ *Sporophila luctuosa* ♂ 125
brown \ brown blue \ leaden brown

4066 ✓ *Tangara cyaneicollis* ♂ 135
brown \ black \ leaden

4067 ✓ *Tangara* — ♂ 125
Small yellow dusky, unknown.
brown \ black, leaden blue below \ leaden blue

4068 ✓ " " ♀ 122

4069 ✓ " " ♂ 124

4070 ✓ *Pyrocephalus rubinus* (?) ♂ 148
brown \ black \ black.

* 4071 ✓ *Myiozetetes similis connivens* ♂ 197
brown \ black \ black.

● 4072 ✓ " " " ♀ 187

4073 ✓ *Argicus (Banco) macrodactylus* ♀ 172
red \ black, \ leaden

Huacanaayo, July 20.

Quam went down trail towards Candamo, —
I worked the chacara down between the river &
then came back up & worked rest of morning
along road above town - got 23 birds - total 1030

4074 ✓ *Clais guimeti* T.E. ♂ 88
black \ black.

4075 ✓ " " T.E. ♂ 89

● 4076 ✓ " " T.E. ♂ 92

4077 ✓ *Sporophila luctuosa* juv ♂ 120
brown \ black, leaden blue below \ leaden

4078 ✓ " " ♀ 118

4079 ✓ *Myrmoborus melanolaemus* ♂ 133
brown \ black \ pale leaden blue

4080 ✓ " " ♀ 127
— \ —; leaden blue below \ —

* 4081 ✓ *Myrmoborus leucophrys* ♂ 138
brown \ black \ leaden blue

● 4082 ✓ *Thamnomanus caesius* ♀ 154
brown \ black, bluish pink below \ leaden

4083 ✓ *Myrmoborus myiothericus* ♂ 141
Ant Thrush = 4045
brown \ black \ leaden blue

- 4084 ✓ *Phaeogopedius cantator* ♂ 155
 hazel \ black, leaden blue below, palapically \ leaden brown
- * 4085 ✓ *Thamnophilus deliatus subradiatus* ♂ 177
 straw \ black, leaden blue below \ leaden blue
- 4086 ✓ *Lanius versicolor* ♂ 175
 brown \ black \ blackish brown
- 4087 ✓ " " ♀ 161
 — | — | —
- 4088 ✓ *Automolus* — ♂ 213
 - 3971 brown \ blackish, pal olive yellow below \ olive
- 4089 ✓ *Chiroxiophia parvula boliviana* juv ♂ 136
 brown \ black, brownish flesh
- 4090 ✓ *Pipra caeruleicapilla* (?) ♀ juv ♂ 103
 brown \ black, bluish flesh below \ leaden brown
- 4091 ✓ *Coereba mexicana* T.M.E. ♂ 115
 brown \ black \ leaden brown
- * 4092 ✓ *Pachyrhamphus albogriseus* ♂ 160
 brown \ black, flesh below \ leaden
- * 4093 ✓ *Pipra chloromereus* ♀ 120
 brown \ blackish brown, flesh below \ purplish flesh
- * 4094 ✓ *Veriliornis ruficeps haematostygona* (?) ♂ 182
 brown \ black, pal brown below \ olive leaden
- 4095 ✓ " " " ♀ 183
- * 4096 ✓ *Tolmomyias flaviventris viridiceps* ♀ 135
 brown \ black, pal brown at base below \ leaden
- 4097 ✓ *Hypocnemis flavescens* ♂ 123
 brown \ black, bluish flesh below \ olive
- 4098 ✓ *Myrmoderus hemimelaeneus* ♀ 134
 brown \ black, leaden blue below \ flesh

- 4099 ✓ *Myrmotherula erythrura* ♂ 120
 straw\black, tomiae leaden\leaden blue
- 4100 ✓ *Myrmoborus leucophrys* ♂ 151
 brown\black\leaden blue
- 4101 ✓ *Myiospiza aurifrons* ♂ 140
 brown\black, leaden blue below\bluish flesh.
- ** 4102 ✓ *Baryptengus martii* (tail broken) ♂ 473
 brown\black\leaden brown.

Huacamayo, July 21.

A showery rain this morning while at breakfast just enough to wet up everything. I worked retrayos above & got little, then went up trail several miles, back at 12⁵⁰, with 21 birds. From went in bush across river - 9 birds.

- 4103 ✓ *Scelateria* ———— ♂ 162
- 4104 ✓ " " ♀ 160
- 4105 ✓ *Galbula tombacka* ♂ 240
- 4106 ✓ *Myiobius* ———— (?) 152
 sulphur rump - ranae la ranae.
- 4107 ✓ *Arremon nigrirostris* ♀ 156
 brown\black\bluish flesh
- 4108 ✓ " " ♀ 153
- 4109 ✓ *Myrmoderus hemimelaenus* ♂ 130
 brown\black\pale leaden blue
- 4110 ✓ *Myrmoborus leucophrys* ♀ 150
 brown\black\leaden blue
- 4111 ✓ *Microbates cinereiventris* ♀ 117
 brown\black, bluish flesh below\leaden blue

- 4112[✓] *Myiophobus fasciatus* ♂ 141
brown \ black, flesh below \ black
- 4113[✓] *Basileuterus coronatus* ♀ 128
brown \ black \ yellowish brown
- ** 4114[✓] *Empidonax* ——— (type *guleri*) ♀ 135
brown \ black, flesh below \ dark leaden
- 4115[✓] " " " ♂ 139
- 4116[✓] *Pyrocephalus rubinus* juv ♂ 146
brown \ black \ black
- 4117[✓] *Mionectes striaticollis* ♂ 151
brown \ black, flesh below basally \ leaden
- 4118[✓] *Pachysylvia ochraceiceps* ♂ 127
white \ black, flesh below \ feet leaden blue.
- 4119[✓] *Tachyphonus rufiventris* ♂ 164
brown \ black; around, same leaden blue \ leaden tan
- 4120[✓] " " ♀ 153
— \ —; around same bluish flesh \ —
- 4121[✓] *Autornolus ochrolaemus* ♀ 200
brown \ black, feet olive yellow below \ olive
- 4122[✓] *Lanio versicolor* ♂ 176
brown \ black \ blackish
- 4123[✓] *Pipra chloromerus* ♂ 118
white \ sooty above, flesh below \ bluish flesh
- 4124[✓] " " ♂ 119
- 4125[✓] " " juv ♂ 122
— \ blackish, flesh at base below \ —
- 4126[✓] *Dacnis angelica arcangelica* ♀ 127
reddish \ black, flesh below at base \ dusky flesh

- 4127 ✓ *Grallaria* ♂ 165
 same as first. brown | black, flesh below | usually
 | bluish flesh |
- 4128 ✓ *Taraba* ♂ 230
 red | black | leaden blue
- 4129 ✓ *Eubucco* ♂ 160
 same as Paupa brown | brownish yellow | olive
- 4130 ✓ *Tangara schranki* T.M.E. ♂ 140
 brown | black, leaden at base below | leaden blue
- * 4131 ✓ *Bucco striolatus* (?) ♀ 203
 straw | blackish brown, olive yellow below |
 | yellowish olive
- * 4132 ✓ *Oropelia montana* ♂ 240
 pale hazel | purplish red, tip brown | pale pink blood
- * 4133 ✓ *Thraupis coelestis* (?) ♂ 191
 brown | black, leaden blue below | leaden blue

Huacana, July 22

Rained off & on all afternoon yesterday, & began again about 2 P.M. & rained steadily till noon, at 1330 we rushed out, but had showers all afternoon. back at 4 P.M. - both went down trail. I got 10 birds: 5, one ditched.

- 4134 ✓ *Microbates cinereiventris* ♀ 118
 brown | black, bluish flesh below | leaden
- 4135 ✓ *Microtopias guixensis* ♂ 144
 brown | black, brownish leaden | leaden
- 4136 ✓ *Myrmotherula erythroga* ♀ 127
 brown | black, leaden below | leaden blue
- 4137 ✓ *Myrmoborus leucophrys* ♀ 138
 brown | black, | leaden blue
- 4138 ✓ *Pachysylvia ochraceiceps* ♂ 118

4139 ✓ *Neocolepis* salvini ♂ 140
brown | black, dark brown below | dark brown

4140 ✓ *Thamnistes* arabatinga ♂ 164
brown | black, leaden blue below | blue

4141 ✓ *Myiarchus* ferox ♂ 208
Sooty back, whitish edges to crown, secondaries
& tertials. brown | black | black

**
4142 ✓ *Myiozetetes* granadensis obscurior ♂ 183
Pileum gray; back olive green; greater coverts &
quills edged pale yellow, tail edged buffy,
throat white, rest below saffron yellow
brown | black | black

4143 ✓ *Galbula* torradora ♂ 238
brown | black | olive yellow.

4144 ✓ *Pachyrhamphus* polychropterus niger ♂ 167
brown | leaden blue | leaden

4145 ✓ *Grallaria* ♂ 162
(same) brown | black, flesh below, tip dusky | pale leaden
blue

4146 ✓ *Myiospiza* aurifrons T.E. ♂ 134
brown | black, pale leaden blue below | black flesh

4147 ✓ *Pitylus* fuliginosus ♂ 220
brown | cinnamon | black

Huacamayo, July 23.

Morning dawned drizzling rain, with fog & mist down to ground. Rained till 9 A.M., when it broke up a little & we went shooting. Rain soon began again & continued off & on till noon. I got back from down the trail at 2 P.M. - 14 birds. Cloudy & intermittent showers all afternoon.

4148 ✓ *Pitylus fuliginosus* ♀ 207
brown \ dark crimson \ blackish brown

4149 ✓ *Pipra* (*caeruleicapilla*?) ♀ 112
brown \ black, bluish fluff below \ brown brown

4150 ✓ *Dystharmis mentalis* ♂ 117
brown \ black, leaden blue below \ leaden blue

4151 ✓ *Tyranniscus zelandoni* ♂ 112
brown \ black, leaden blue below \ leaden

* 4152 ✓ *Ramphastos cuvieri* ♂ 636
brown \ black, ridge yellowish olive, base of max. yellowish, base of mand. blue, w/ pale brown \ coral blue

4153 ✓ *Myrmotherula erythra* ^{Layman's} ♀ 127
brown \ black, Linnæ leaden \ leaden blue

4154 ✓ *Hypocnemis flavescens* ♀ 130
brown \ black, bluish fluff below \ olive

4155 ✓ *Synallaxis maranonica* ♀ 160
hazel \ black; leaden blue below \ olive leaden

4156 ✓ *Microxhopias guixensis* ♂ 135
brown \ black, Linnæ leaden blue basally \ leaden blue

4157 ✓ " " ♀ 137

4158 ✓ *Xenops* ♀ 118
(white streak below)
brown \ black, fluff below \ leaden blue

4159 ✓ *Leucolepis salvini* ♀ 138
brown \ black, fluff below mesially \ brownish black

- 4160 ✓ *Thamnophilus schistaceus* ♀ 145
brown | black, leaden blue below | leaden blue
- 4161 ✓ *Synallaxis cabanisi* ♀ 160
brown | black, horn blue below | olive
- 4162 ✓ *Microcerculus marginatus* ♀ 127
brown | black, flesh below | blackish horn
- 4163 ✓ *Thripadectes* ♂ 202
(= No. 3972) brown | dusky horn, dusky flesh below | olive
- 4164 ✓ *Xiphochynchus ocellatus* ♀ 209
brown | pale horn, blacked basally, bluish flesh below | leaden
- 4165 ✓ *Cissops leveriani* ♀ 265
yellow | black | black.
- 4166 ✓ *Neomorphus geoffroyi* ♀ 545
brown | blackish basally, pale greenish horn
apically; base below leaden blue | leaden blue
- 4167 ✓ *Amazona mercenaria* (?) ♀ 338
red-brown | pale horn basally, blackish apically
| dirty ash

Huacaway, July 24.

Morning cloudy & foggy. We went out at 6³⁰.
About 7 o'clock began to rain. Before noon I
went down trail to old town 3 miles away, where
I took refuge. Rain increased to downpour. Lasting
till 1.30. I started back at 12¹⁵ & got drenched
at 2 P.M. rain stopped but remained cloudy all
day.

- 4168 ✓ *Todirostrum pulchellum* ♂ 103
brown | black | leaden horn
- 4169 ✓ *Dacnis cayana* juv ♂ 126
red-brown | black, pale horn at base below
- 4170 ✓ *Phaeothlypis fulvicauda* ♂ 146
brown | black | dusky flesh
- 4171 ✓ *Myiodesopus hemimelaenus* ♂ 128
brown | black | leaden blue
- 4172 ✓ *Thamnophilus schistaceus* ♂ 145
red-brown | black, leaden below | leaden blue

Huacanaayo, July 25.

Partly clear this morning & looked like a fine day, but at 9 Am. a heavy shower for 1/2 hr. & again at 12³⁰ just after we got in. P.M. cloudy, 9 to 15 birds - Juan S.

4173. ✓ *Thalassidroma tschudii* ♂ 115
black \ dusky horn

4174 ✓ " " ♂ 120

** 4175 ✓ _____ ♀ 137

Hummer: Green, with tail like *Colibri colibri*; blue patch below ear on throat, & a glimmering green patch on breast, crimson wingish, with large green center to patch. — black \ black.

4176 ✓ *Synallaxis maranonica* ♂ 172
red-brown \ black, leaden blue below \ dull leaden blue

4177 ✓ *Leucolepis* _____ *salvini* ♀ 138
brown \ black, pale horn below basally \ dark horn

4178 ✓ " " " imm. ♀ 135
— \ —; pink below

4179 ✓ " " " imm. ♀ 136

4180 ✓ *Microcerculus marginatus* ♂ 136
brown \ black, pink below \ leaden horn

4181 ✓ *Thamnomanes caesioides* ♀ 158
brown \ black, pale leaden blue below \ leaden blue

4182 ✓ *Turdus nigriceps* ♀ 213
brown \ blackish, tip pale \ brownish pink

4183 ✓ *Thraupis coelestis* ♀ 188
brown \ black, leaden below \ leaden

4184 ✓ *Automolus ochrolaemus* ♀ 207
brown \ blackish; yellowish line below

4185 ✓ *Xiphorhynchus obsoletus palliatus* ♀ 231
brown \ black, horn blue below \ leaden

- 4186 ✓ *Vireosylva chivi* ♀ 140
brown | black, bluish flesh below | leaden blue
- 4187 ✓ *Coereba mexicana* ♂ 116
brown | black | leaden
- 4188 ✓ *Pipra chloromerus* ♂ 118
white | dusky, tan, flesh below | dusky flesh
- 4189 ✓ *Tangora* ♂ 128
Small scaly green, & yellow belly
brown | black, leaden blue below | leaden
- 4190 ✓ " " ♀ 120
- 4191 ✓ " " ♂ 128
- 4192 ✓ *Megachyrychus pitangua* ♀ 232
brown | black, dusky, flesh at base below | black
- * 4193 ✓ *Monasa nigrifrons* ♂ 290
brown | crimson below | black
- 4194 ✓ *Trogonurus* ♂
same as swallow from La Pampa, no 3881.
brown | eyelid orange | pale bluish tan | leaden
- 4195 ✓ " " ♀ 343
brown | pale leaden blue, ridge black

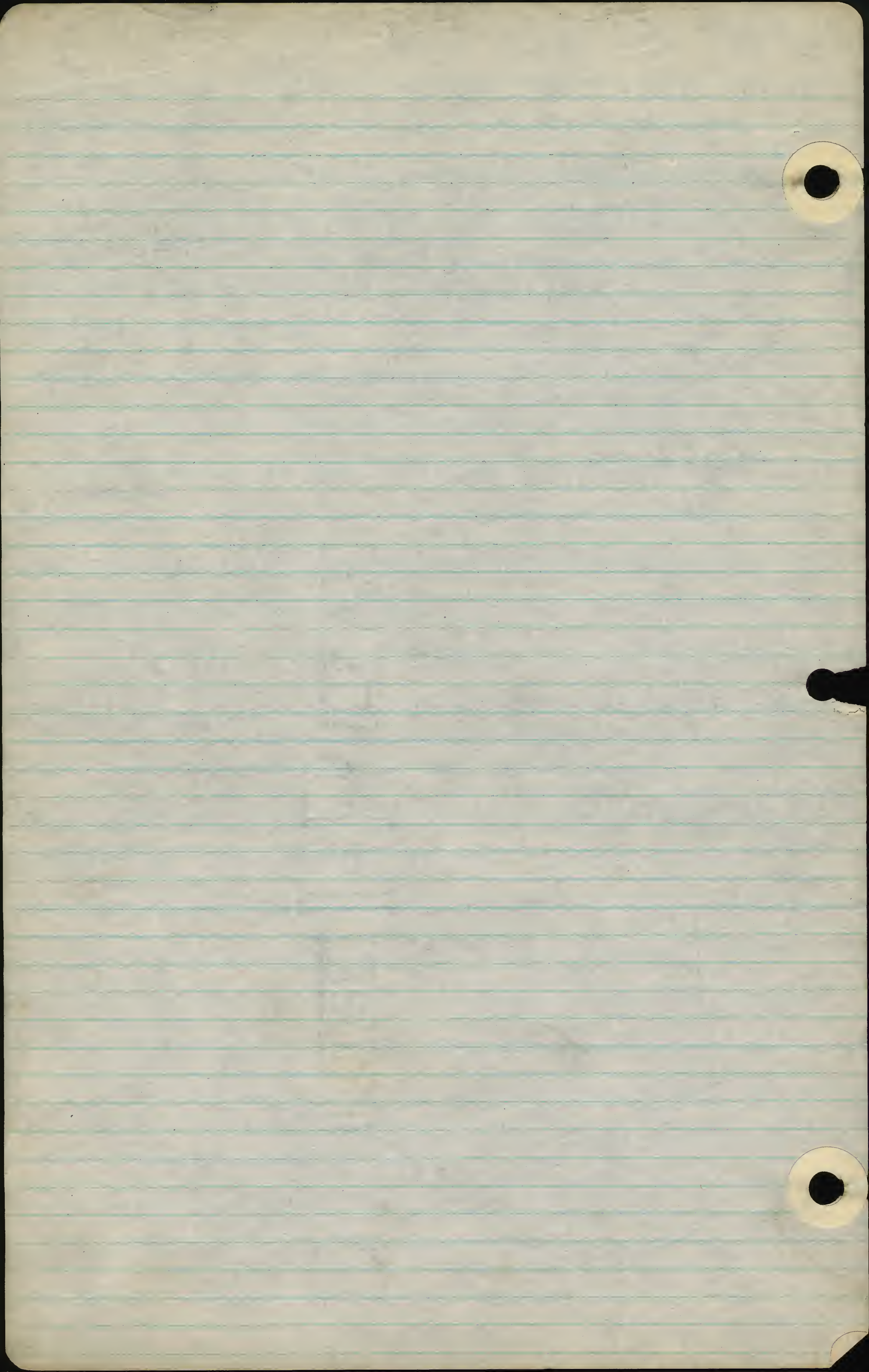
Huacamayo, July 26.

Started raining sometime after midnight & never stopped till near noon. We went out at 12:30, back at 4 P.M. I went up trail & Juan down Juan 4. Cloudy rest of day but no rain.

- 4196 ✓ *Acrochordopus zeledoni* ♂ 111
brown | black, leaden below | leaden
- 4197 ✓ *Glyphorhynchus spirochus* ♂ 153
brown | black, bluish tan below | blackish tan
- * 4198 ✓ *Pipramorpha maccannelli peruana* ♂ 128
brown | black, brownish flesh at base below | leaden

- 4199 ✓ *Sporophila luctuosa* im. ♂ 121
brown \ blackish brown, leaden blue below \ leaden black.
- * 4200 ✓ *Turdus ignobilis* (?) ♂ 232
brown \ dark brown, faintly mottled with yellowish
\ leaden brown
- * 4201 ✓ *Cyanocorpsa cyanoides* — (?) T.E. ♂ 172
brown \ black, horn blue below, ridge of mand.
black \ leaden black \
- 4202 ✓ *Autornolus ochrolaemos* ♀ 200
brown \ blackish, pale olive yellow below \ yellowish olive
- 4203 ✓ *Dacnis angelica* im. ♂ 120
yellow \ black, bluish flut below \ leaden
- 4204 ✓ " " ♀ 125
- 4205 ✓ *Lania versicolor* ♂ 172
brown \ black, \ leaden
- 4206 ✓ *Eubucco aurantiicollis* ♀ 163
red \ blackish brown, olive yellow below broadly
\ leaden olive \
- 4207 ✓ *Pipraeidea melanonota* ♂ 155
hazel \ black, bluish flut below \ black
- 4208 ✓ *Pitylus fuliginosus* ♂ 217
brown \ cinnamon \ black,

4208
1778
2420
228
2448



Wash. Jan 1932

Generators for lamp.

Fly rope

Sand dust

sticks for birds (small & medium)

#40 thread

#10 Scalpel blades

1 pr. small scissors

1" feather forceps

corks for Thomson Bottle

~~#2000 Nephtheline~~

2

[112]

